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40th Anniversary - 1940

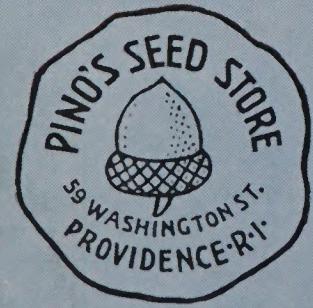


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U. S. Department of Agriculture.

Vegetable Flower·Lawn SEEDS

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WILLIS S. PINO
59 Washington Street
PROVIDENCE RHODE ISLAND



Fortieth Anniversary

It is a pleasure to announce my 40th Anniversary. I have always endeavored to supply my customers with the best in FLOWER, VEGETABLE and LAWN SEEDS, FLOWERING BULBS and GARDEN REQUISITES, and pledge my continued endeavor to serve my customers faithfully.

My store is situated at 59 Washington Street, between Eddy and Union Streets, one block up from the Biltmore Hotel. Plan to visit my store when you have garden problems. You are assured courteous and competent service.

WILLIS S. PINO.

The Lawn Beautiful Available to All
by Using

PINO'S PARK MIXTURE

A Beautiful Lawn Is the Most Essential Feature of the Home Grounds

Our **Park Mixture** will produce a rich, dark velvety carpet in a few weeks.

We use only the highest quality, extra clean seed and as free from weed seeds as possible. The seed is mixed in proper proportions so that we are able to offer in our **Park Mixture** something superior. As the cost of seed represents only a small part of the actual investment, by all means buy the best.

PARK MIXTURE PRICES

½ lb. 30c. 1 lb. 60c. 2½ lbs. \$1.40 5 lbs. \$2.75 10 lbs. \$5.00 100 lbs. \$45.00

SHADY NOOK GRASS MIXTURE

As it is quite difficult to produce a satisfactory growth of grass in shady spots, we have made a special mixture for such places. In very shady places sometimes soil will be found to be sour and in this case an application of lime will be quite helpful, using about 10 pounds to each 200 square feet. More applications of fertilizer will be needed and during dry weather be quite liberal with water.

½ lb. 40c. 1 lb. 75c. 2½ lbs. \$1.75 5 lbs. \$3.50 10 lbs. \$6.00

COLUMBIA PARK LAWN MIXTURE

A mixture of suitable grasses for lawn use eliminating the high cost varieties composing a large part in our Park Lawn and Shady Mixture. We plan to give a mixture to compete with many offerings containing grasses not suitable for such uses.

1 lb. 30c., 5 lbs. \$1.25

White Clover. Desirable for mixing with lawn seed where soil is poor and sandy. Also desirable at seashore where it is difficult to establish grass. **¼ lb. 30c., ½ lb. 50c., 1 lb. 90c., 10 lbs. \$8.50.**

Kentucky Blue. A superior grass for pastures and lawns. Succeeds well in all soils and stands dry weather well. **Lb. 35c., 10 lbs. \$3.00.**

Chewings Fescue. Suitable for sandy soils and at the seashore. **Lb. 90c., 10 lbs. \$8.50.**

Rhode Island Bent. One of the best grasses for lawns in adapting itself to almost any soil—dry, moist or sandy. Very carefully selected stock, thoroughly cleaned. **Lb. \$1.00, 10 lbs. \$9.50.**

Red Top. A hardy perennial grass, succeeding best on moist land. Used extensively in all pasture mixtures, remaining green the greater part of the year. Re-cleaned. **Lb. 30c., 10 lbs. \$2.50.**

Pino's Superior Gladiolus

New England Grown

CLEAN, WELL GRADED TOP SIZE STOCK

AVE MARIA.	Outstanding light blue. 3 bulbs 20c., doz. 70c., 100 for \$5.00.
BERTY SNOW.	One of the best lavenders; a large flower of good substance. 3 bulbs 15c., doz. 50c., 100 for \$3.00.
BETTY NUTHALL.	Light coral-pink with orange throat. 3 bulbs 15c., doz. 50c., 100 for \$3.00.
BREAK O' DAY.	Very large La France pink. 3 bulbs 15c., doz. 50c., 100 for \$3.00.
CARMEN SYLVA.	A very reliable pure white variety. 3 bulbs 15c., doz. 50c., 100 for \$3.25.
DR. MOODY.	Light lavender, very long spike. 3 bulbs 15c., doz. 50c., 100 for \$3.25.
DR. BENNETT.	One of the brightest scarlets. 3 bulbs 15c., doz. 50c., 100 for \$3.50.
EARLY SUNRISE.	Watermelon red; a fine flower. 3 bulbs 20c., doz. 65c., 100 for \$4.50.
GIANT NYMPH.	Beautiful light rose with creamy-white throat. 3 bulbs 15c., doz. 50c., 100 for \$3.25.
GOLDEN CHIMES (New).	A tall, fine spike of light yellow, ruffled. 3 bulbs 30c., doz. 85c., 100 for \$6.00.
MAID OF ORLEANS.	Beautiful milky-white, a fine flower. 3 bulbs 20c., doz. 60c., 100 for \$4.00.
MINUET.	Light pinkish-lavender. 3 bulbs 25c., doz. 70c., 100 for \$5.00.
MOTHER MACHREE.	Very large, smoky lavender. 3 bulbs 25c., doz. 75c., 100 for \$5.00.
OUR SELECTION.	Salmon-red, flaked deeper with cerise blotch. 3 bulbs 15c., doz. 50c., 100 for \$3.25.
PELEGRINA.	Dark violet, very outstanding. 3 bulbs 20c., doz. 70c., 100 for \$5.00.
PHYLLIS McQUISTON.	One of the best. A gorgeous pure pink. 3 bulbs 25c., doz. 75c., 100 for \$5.00.
PICARDY.	Lovely shade of apricot-pink somewhat ruffled. 3 bulbs 15c., doz. 50c., 100 for \$3.00.
PRIMROSE PRINCESS.	Best buttercup-yellow, very large open flowers. 3 bulbs 15c., doz. 50c., 100 for \$3.00.
WHITE TRIUMPHATOR.	A massive plant, extra large florets of purest white. 3 bulbs 50c., doz. \$1.75, 100 for \$12.00.

40th ANNIVERSARY GLADIOLUS MIXTURE

We have chosen for this mixture varieties to cover a wide range of colors and types and given special attention to the selection of brighter and more desirable shades. This mixture will please the most discriminating gardener. All bulbs strictly first size and large flowering.

Doz. 35c., 100 for \$2.50, 1000 for \$20.00



Gladiolus, Giant Nymph

The Preparation and Care of the Lawn

The ground must first be thoroughly prepared by draining, if necessary, and spade or plow to the depth of 6 to 12 inches, according to the nature of the soil, applying a liberal quantity of well decomposed manure, bone-meal or Bovung, the latter we recommend as being lasting in effect, not liable to burn the grass and free from weeds. Clean the ground thoroughly and rake perfectly smooth and level, as much of the success depends upon this part of the preparation. The seed should be sown on a calm day, that it may be applied evenly, and at the rate of 150 pounds per acre, or one pound is sufficient for 200 square feet. After the seed is sown the ground should be rolled with a light roller or evenly tamped with the back of a spade. The plot should be mowed every ten days from May until September, using a sharp scythe in preference to a mower until a close turf is formed. Frequent mowing and rolling is necessary to maintain a close, even turf. April and September are the best months for sowing lawn seed.

1940 Novelties and Specialties

AGERATUM, "MIDGET BLUE"

1940 A. A. S. Silver Medal

Dainty little plants, growing 4 inches high and almost smothered with azure-blue flowers. Very uniform in height. Pkt. 25c.

CALENDULA, "YELLOW COLOSSAL"

The largest Calendula in the world; in addition to this, is the most profuse blooming of all large-flowered Calendulas. Extremely double, bright yellow flowers, plants bushy. 18 inches high. Pkt. 25c.

CYNOGLOSSUM, "FIRMAMENT"

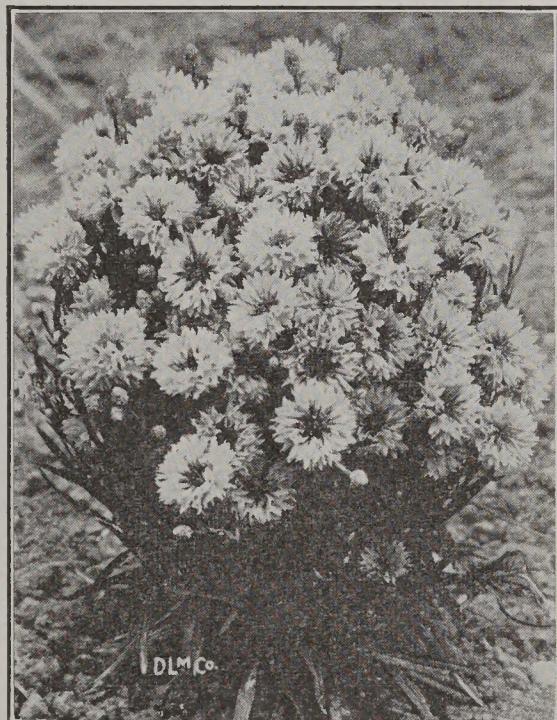
A dwarf type of Chinese Forget-me-not. Uniform plants, 15 inches tall, with flowers of rich blue color. Pkt. 15c.

CONVOLVULUS "LAVENDER ROSETTE"

An ideal rockery plant with deep lavender flowers. Blooms from the middle of June till the end of August. Plant in a moist place. Pkt. 25c.

CENTAUREA, "JUBILEE GEM"

A new Centaurea of compact growth and very free flowering. Plants grow 12 inches in height and are just covered with deep blue, double blooms. Pkt. 15c.



Centaurea, "Jubilee Gem"

MARIGOLD, "GOLDEN HARMONY"

A very charming Marigold, growing but 12 inches in height, makes it ideal for borders. The color is a glowing golden yellow. Pkt. 15c.

MARIGOLD RED AND GOLD HYBRIDS

Hybrids between African and French Marigolds. Some flowers are solid red, while others are combinations of red and gold. Blooms in eight weeks from seed. Pkt. 10c.

MARIGOLD, "LIMELIGHT"

The lightest in color of all Marigolds—a very soft primrose-yellow. Flowers are $2\frac{3}{4}$ inches across, are made up of curled and interlaced petals. Plants dwarf and bushy. Pkt. 25c.



Cynoglossum, "Firmament"

HOLLYHOCK, "INDIAN SPRING"

(Annual)

A true Annual Hollyhock. Flowers semi-double and colors range from pale pink to crimson rose. Height 4 to 6 feet. Pkt. 25c.

IPOMOEA, "SCARLETT O'HARA"

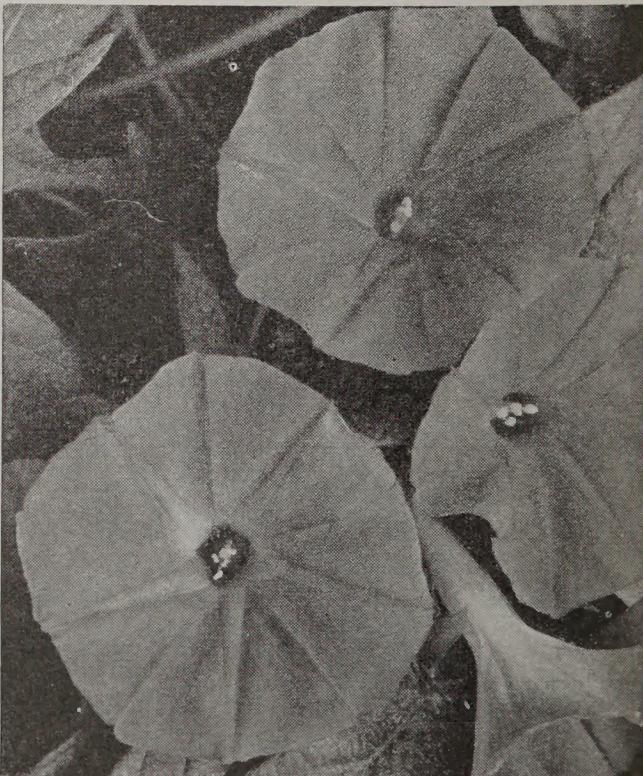
(Morning Glory)

A new color in this popular garden flower—rich dark wine-red or deep rosy crimson. Pkts. 15c. and 75c.

IPOMOEA, "CORNELL"

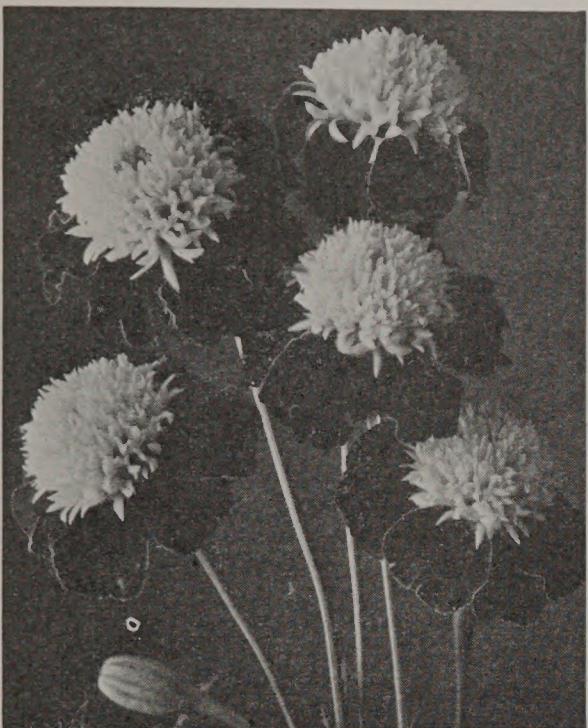
(Morning Glory)

This new variety, Cornell, has the size of bloom and robust habit of Heavenly Blue. The blooms are an intense shade of carnelian red with a border of pure glistening white. Pkt. 15c.



Ipomoea, "Cornell"

1940 Novelties and Specialties



Marigold, "Ferdinand"

MARIGOLD, "FERDINAND"

One of the gayest of our new flowers. Single-flowered with a neat round-crested center of dainty tubular florets in an arresting shade of golden-yellow, surrounded by a single row of broad, mahogany-red guard petals. Plants grow 2 feet tall. Pkt. 25c.

MARIGOLD, NEW GIANT "TETRA"

The first flower to be produced by doubling the chromosome number by artificial means. A form of Guinea Gold but are much larger. Flowers 3½ to 4 inches across and of a very deep orange color. Pkt. 25c.

NASTURTIUM

"INDIAN CHIEF SEMI-DOUBLE"

A new addition to the popular double Nasturtiums. Indian Chief has dark foliage, with vivid scarlet flowers. The blooms are sweetly scented and freely produced. Pkt. 15c.

PETUNIA, "HOLLYWOOD STAR"

This lovely Petunia is a charming shade of rich rose with amber throat, is unique in form, which consists of a five-pointed star. Pkt. 25c.

PETUNIA, "VELVET BALL"

Flowers deep, luscious shade of velvety blood-red. Plants well-formed, growing about 8 inches tall. Very free-flowering. Pkt. 25c.

PETUNIA, "CREAM STAR"

1940 A. A. S. Silver Medal

Plants have the finest dwarf, bushy habit ever seen in the Nana Compacta group of Petunias. Flowers 2¼ inches across and are shaped like a five-pointed star; soft, creamy white deepening towards the throat to a bright golden yellow. Pkt. 25c.

PETUNIA, "GLOW"

1940 A. A. S. Silver Medal

Dwarf, compact, ball-shaped plants bearing a profusion of bright rose-red blooms. Very free blooming. Pkt. 25c.

PETUNIA, "NEW ALL-DOUBLE DWARF VICTORIOUS"

GAIETY. Very large double fringed blooms of a light rose-red and white. 100 seeds 35c.

ORCHID BEAUTY. Flowers 4 inches across on sturdy plants. Color is orchid or light lilac. 100 seeds 35c.

ROSY-CARMINE. Very free-flowering. Large double fringed flowers of rosy carmine color. 100 seeds 35c.

WHITE WITH BLUE VEIN. Exceptionally beautiful.

Flowers are very large and true to color. 100 seeds 35c.

VICTORIOUS MIXED COLORS. Special mixture blended from separate colors. 100 seeds 35c.

SCABIOSA, "HEAVENLY BLUE"

Medium tall plants, coming in between the tall and dwarf varieties. Flowers are round, soft azure-blue, borne profusely. Pkt. 25c.

ZINNIA "DAHLIA FLOWERED" "WILL ROGERS"

(NEW)

The loveliest and most brilliant scarlet-red. Plants very robust, bearing many strong stems. Pkt. 25c.

ZINNIA "FANTASY" "WILDFIRE"

A new addition to this popular group. Described as a rich dazzling scarlet. Wildfire adds a distinct note of color and cheerfulness to the garden. Pkt. 25c.

ZINNIA, "HARMONY TYPE" "CAMPFIRE"

Campfire is the most recent color development in the Harmony type. The color is the most showy in the Zinnia family—a vivid intense scarlet carried on strong stems. Pkt. 25c.

ZINNIA, "DAVID BURPEE"

An entirely new form of Zinnia; they may be likened to a large-flowered Chrysanthemum. An outstanding feature is the unusual range of colors, such as apricot, buff, peach, etc. Pkt. 25c.



Zinnia, "Fantasy Wildfire"

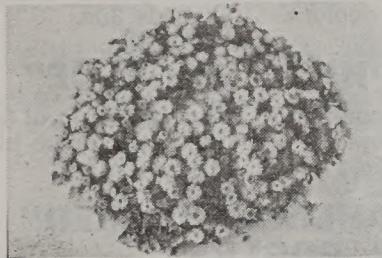
Selected Flower Seeds

of Outstanding Merit

To Bring Beauty and Fragrance to Your Garden

All stocks selected to secure the utmost in purity of type and highest germination. It is our desire to always be able to supply seeds equal to the best.

All Flower Seeds Sent Postpaid.



Ageratum

ABRONIA Pkt.
Umbellata (Sandverbena). Trail-ing annual; rose color adapted to dry, poor soil..... \$0.10

ACHILLEA
The Pearl. Hardy Perennial. Double white, free flowering, good along borders and for cutting..... .10

ACONITUM
Napellus (Monkshood). Free-flowering hardy plant, does well in shade; 2 ft..... .10

ACROCLINIUM
Graceful, everlasting for Winter bouquets. Flower heads should be gathered when young if to be preserved. Mixed Colors..... Pkt. \$0.10

AGERATUM
Beautiful hardy annual of near bushy habit. Very desirable for outdoor bedding; covered with bloom nearly all Summer. Pkt.

Midget Blue (New). Spreading plants about 4 in. high, azure-blue flowers..... \$0.25

Blue Ball. Deep dark blue; dwarf and compact. Special pkt. 35c..... .10

Blue Cap. The best dwarf Ageratum. Deeper blue than Blue Star. Special pkt. 50c..... .15

Blue Star. Exceedingly dwarf and even growth not over 4 or 5 inches high and completely covered with bright blue flowers. Special pkt. 40c..... .15

Blue Perfection. The darkest colored large flowering variety. Deep amethyst blue. Compact and fine bedder. 1 ft. Special pkt. 25c..... .10

Little Dorrit. Dwarf white.... .10

AGROSTEMMA

Free blooming plants. Culture easy. Pkt.

Coelirosa (Rose-of-heaven). Hardy annual; bright rose; 18 in..... \$0.10

Coronaria (Mullein Pink). Hardy perennial, dark blood red; 2 ft.; fine for cutting..... .10

ALYSSUM

Dwarf growing, hardy annuals, blooming profusely throughout the season. Pkt.

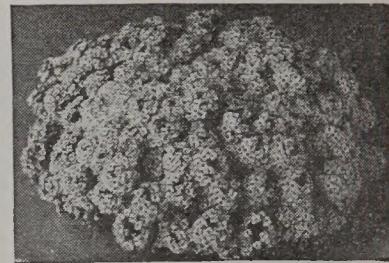
Maritimum (Sweet Alyssum). Fragrant white; 10 in. Oz. 30c., $\frac{1}{4}$ lb. 90c..... \$0.10

Little Gem. Dwarf white; 6 in. Special pkt. 25c., oz. 75c., $\frac{1}{4}$ lb. \$2.25..... .10

Carpet of Snow. Pure white, very dwarf and sweet; 4 in. Special pkt. 25c., oz. 75c..... .10

Lilac Queen. Compact growth with lilac-colored flowers. Special pkt. 25c..... .10

Saxatile compactum (Gold-dust). Bright yellow. Spring-flowering hardy perennial; 9 in. Special pkt. 25c..... .10



Alyssum

ANCHUSA

Blue Bird. Free growing annual, Pkt. 15 in. high, with Forget-me-not flowers of vivid indigo blue. Special pkt..... \$0.10

Dropmore Variety. One of the best blue perennials, flowers borne on graceful stems and continuous blooming. Special pkt. 25c..... .10

St. Brigid. Double and semi-double flowers in pleasing array of colors. Mixed..... .15

ANEMONE (Windflower)

Valuable perennial, producing large flowers; fine for bouquets. Sow in Spring and shade till plants appear. 18 in. Pkt.

Coronaria (Poppy Anemone). Single mixed..... \$0.10

St. Brigid. Double and semi-double flowers in pleasing array of colors. Mixed..... .15

ANTIRRHINUM (Rustproof)

California Giant Mixture. This Pkt. is the strain you have been waiting for. Even and compact in habit, of the popular majestic type. The plants are from 20 to 24 in. in height and bear long spikes of close spaced, extra large florets. It comprises a fine, full color range of popular colors. Special ptk. 35c..... \$0.15

AMARANTHUS

Brilliant foliaged annuals with showy racemes of flowers; very ornamental. Pkt.

Pigmy Torch. Crimson, 10 in. high, for beds or borders..... \$0.10

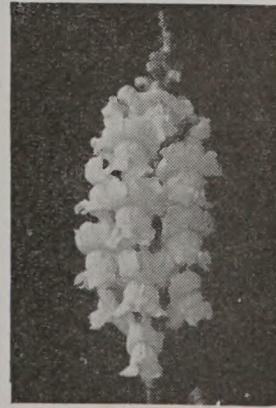
Caudatus (Love-lies-bleeding). Dark red..... .10

Tricolor splendens. Very beautiful foliage..... .10

Molten Fire (Summer Poinsettias). Very beautiful and ornamental leaves, dark bronze center..... .15

ANTHEMIS

Kelwayi (Hardy Marguerite). Daisy-like hardy perennial, golden yellow blooming all Summer, good for cutting.... .10



Antirrhinum

ANTIRRHINUM MAXIMUM (Rustproof)

The plants of the new Rust-resistant Snapdragons are base branching, very free flowering, each producing 8 to 18 graceful spikes. The flowers are larger and better spaced than the non-resistant strains, and the foliage is clean, healthy and free from rust.

Apple Blossom. Rose pink.

Campfire. Luminous scarlet.

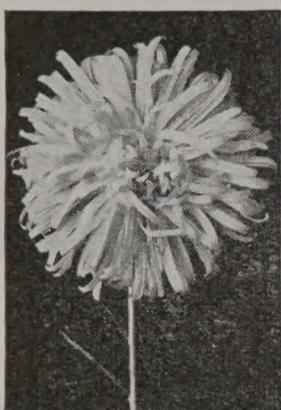
Copper King. Copper red.

Fair Lady. Silver pink.

Shasta. Pure white.

Each of the above, ptk. 15c., special ptk. 35c.

ASTER • Wilt Resistant Strains



Aster, Crego

The most pretentious Aster improvement program that has been undertaken is the development of wilt-resistant strains. Although not novelties in the true sense of the word, we consider these Wilt-resistant Asters among the most noteworthy introductions of our long experience in the seed business. Only through the use of resistant stocks is it possible successfully to grow Asters more than one year in the same soil. Wilt-resistant Asters will justify the expense of higher price for seed. We are offering as far as we can from originator's stock, seed of this type.

One of the most highly prized and best known annuals. Should be sown from middle of March to first of May and when an inch high, transplanted into pots or boxes and planted out in open ground last of May. Ground should be well manured and thoroughly worked. Seed sown in open ground from middle of April until June make excellent late blooms.



Aster, El Monte

Simple's Branching (Wilt-resisting)

A very strong growing type of Aster, stems long, bloom full-petaled, large and fine form. The petals are long, broad and of exceptional substance. Height 2½ ft.

	Special	Pkt.	Pkt.
Azure Blue.....	\$0.15	\$0.40	
Light Rose.....	.15	.40	
Purple.....	.15	.40	
Sensation, or Scarlet...	.15	.40	
Shell Pink.....	.15	.40	
White (Extra Select)....	.15	.40	
Mixed.....	.15	.40	

Improved Crego (Wilt-resisting)

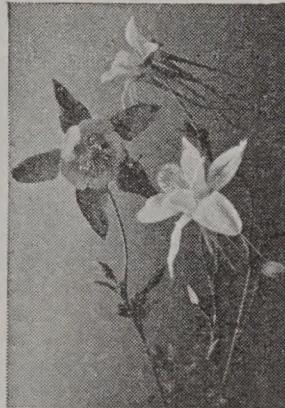
An improved strain of this fine old, popular type. Large, double flowers with curled and interlacing petals.

	Special	Pkt.	Pkt.
Azure Blue.....	\$0.15	\$0.40	
Deep Rose.....	.15	.40	
Shell Pink.....	.15	.40	
White.....	.15	.40	
Mixed.....	.15	.40	

ARABIS

Pkt.

Alpina (Rockcress). Early, Spring-flowering, pure white annual for edging or rockeries. Special pkt. 25c., \$0.10



Aquilegia

ARMERIA

Formosa (Thrift or Sea Pink). Hardy perennial, excellent for edging or rockeries..... .10

ARCTOTIS

Grandis (African Daisy). Hardy annual. Pure white flowers with light blue center; 2½ ft. Special pkt. 25c... .10



Arctotis grandis

ASPERULA

Adapted to border or rockwork; sweet-scented, long bloomers. Will grow in poor soil or shaded places. Pkt.

Setosa azurea. Light blue; 1 ft....\$0.10

Odorata (Woodruff). White; 1½ ft.. .10

Improved Giant California Sunshine

Plants grow about 3 feet high, bearing flowers 4 inches in diameter; single, contrasting Pompon center. Pkt. 15c.

Queen of the Market (Wilt-resisting)

The earliest flowering variety, stems long and an excellent variety for cutting.

	Special	Pkt.	Pkt.
Dark Blue.....	\$0.15	\$0.40	
Azure Blue.....	.15	.40	
Peach Blossom.....	.15	.40	
White.....	.15	.40	
Mixed.....	.15	.40	

Super Giant, El Monte

Companion to Los Angeles. Deep glowing crimson. The flowers are extremely large and fluffy. Early blooming. Pkt. 25c.

The King (Needle Type)

Vigorous growth, long, stiff stems; branching habit. Flowers large, petals quilled, curled and incurved. Mixed. Special pkt. 50c., pkt. 10c.

AUBRIETIA (Rainbow Rockcress)

Hardy perennial rock plant with silvery green foliage and flowers of many shades. Pkt.

Large Flowering Hybrids Mixed.	\$0.15
Special pkt. 35c.....	\$0.15

AQUILEGIA (Columbine)

Free-blooming, hardy perennials; thrives best in a moist situation. Pkt.

Long-spurred Scott Elliott's Hybrids, Choice Mixed.	The finest strain in existence. Colors are unique and very striking; 2½ ft. Special pkt. 50c.....	\$0.25
Single Mixed.	Special pkt. 25c.....	.10
Double Mixed.	Special pkt. 25c.....	.10



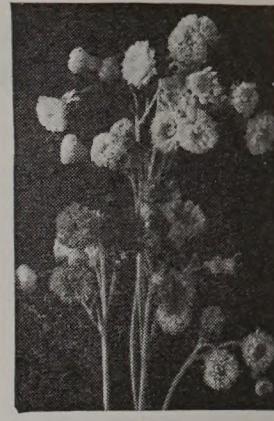
Balsam, camellia-flowered



Calliopsis



Calendula chrysanththa



Cacalia

BALSAM

Very popular annuals, producing a brilliant array of colors. Sow in open ground in May and transplant two or three times, allowing not less than 18 inches between plants at the last transplanting.
Pkt.

Improved Camellia-flowered.
Mixed Colors. Special pkt.
25c..... \$0.10

BALLOONVINE

A very rapid growing climber, producing curious-shaped capsules. Pkt. 10c., oz. 15c.

BEGONIA

Excellent for Summer and Autumn blooming; both flowers and foliage have a bright, waxy appearance. Pkt.
Vernon. A beautiful plant for beds and borders; withstands heat and drought..... \$0.10
Semperflorens Mixed. All colors from white to crimson.... .10

BELLIS (*Double English Daisy*)

Favorite perennials; sow seed June to September; transplant in Fall and protect during the Winter. Will flower early in Spring. Sown in Spring will flower in Fall.
Pkt.

NEW GIANT DOUBLE. Enormous double flowers; 2 to 2½ in. in diameter.
Double Giant rosea. Special pkt. 50c..... \$0.15
Double Giant alba. Special pkt. 50c..... .15
Double Giant Mixed. Special pkt. 50c..... .15

BRACHYCOME
(*Swan-river-daisy*)

Hardy annual, with small blue flowers; blooms profusely most of the Summer. 9 in. Pkt. 10c., special pkt. 25c.

BROWALLIA Pkt.

Elatia. Annual. Excellent for cutting; color pale blue. Special pkt. 25c..... \$0.10

Speciosa major. Large flowering, ultramarine blue, adapted to the border or in hanging baskets, veranda boxes or as Winter and early Spring pot plants. .25

CACALIA (*Tasselflower*)

Blossoms resemble brushes that have been dipped in paint. Colors are red and yellow. Pkt. 10c.

CALLIOPSIS

Very free flowering annuals, producing a gorgeous display in various shades of yellow and brown. Excellent for cutting.
Pkt.

Drummondii (Golden Wave). Yellow, maroon center. Special pkt. 25c..... \$0.10
Golden Crown. Golden yellow, shining maroon center..... .15
Finest Mixed. Special pkt. 25c. .10
Lanceolata. Bright yellow perennial. Special pkt. 25c.... .10

CALENDULA (*Pot-marigold*)

Very robust, free-flowering annuals; seed may be sown in March and transplanted to open ground when danger of frost is over, or seed may be sown in open ground in April or May. Pkt.

Orange Shaggy. A most interesting flower, deep orange with laciniated petals. Special pkt. 35c..... \$0.15

Orange Giant. Large, deep orange. Special pkt. 25c., oz. 75c. .10

Sulphur Crown. Large sulphur yellow. Special pkt. 25c..... .10

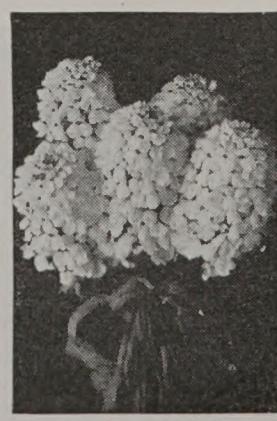
Chrysanththa. Clear buttercup yellow, petals incurved. Special pkt. 35c..... .15

Campfire (Sensation). The best forcing variety. Dark orange with a scarlet sheen, very attractive. Special pkt. 35c.... .15

Radio. Beautiful orange, globe shape petals quilled; very distinct from other Calendulas. Special pkt. 35c..... .10

Art Shades. Good assortment of light shades. Special pkt. 35c. .15

Mixed. All sorts. Special pkt. 25c., oz. 75c..... .10



Candytuft Hyacinth-flowered

CALCEOLARIA

Hybrida, Choice Mixed. Recommended for greenhouse plants, with beautiful striped, blotched and variegated flowers. Pkt. 25c.

CAMPANULA
(*Canterbury-bells*)

Very attractive, hardy biennials and perennials, showy for borders. Pkt.

Medium, Single Mixed. Special pkt. 40c..... \$0.10

Single White. Special pkt. 40c. .10

Single Blue. Special pkt. 40c. .10

Single Rose. Special pkt. 40c. .10

Double Mixed. Special pkt. 40c..... .10

Carpatica, Blue. Perennial. Special pkt. 35c..... .10

alba. Perennial. Special pkt. 35c..... .10

Calycanthema, Mixed (*Cup-and-saucer*). Special pkt. 40c. .10

Blue. Special pkt. 40c..... .10

White. Special pkt. 40c..... .10

Rose. Special pkt. 40c..... .10

CANDYTUFT

Giant Hyacinth-flowered. Very large white flowered. Height 18 in. Special pkt. 25c., oz. 75c.

Umbellata Varieties. Desirable for rock gardens, borders or beds. Bloom in about 8 weeks from sowing and should be sown at intervals of two weeks for continuous bloom. Lasts well as a cut flower.
Pkt.

Albida. Pure white. Special pkt. 25c..... \$0.10

Carmine. Special pkt. 25c... .10

Flesh Pink. Special pkt. 25c. .10

Lavender. Special pkt. 25c. .10

Rose Cardinal. Special pkt. 25c..... .10

Mixture—Above Varieties. Special pkt. 25c., oz. 75c.... .10

Iberis, Perennial Candytuft, White. Special pkt. 35c..... .15

CANNA

Very showy foliage and brilliant flowering plants; desirable for large beds.
Pkt.

Crozy's Large-flowering Dwarf Mixed. Oz. 30c..... \$0.10

CARDINAL CLIMBER

A rapid-growing annual climber, with deeply, laciniated leaves and numerous small, glowing scarlet flowers. Pkt. 10c.



Carnation



Centaurea cyanus



Clarkia



Cosmos, Orange Flare

CARNATIONS

Excellent for pots and open border culture.
Pkt.

Giant Double Chaubaud.	Blooms in five months from sowing. Double fringed, fragrant blooms in profusion.	Special pkt. 50c.....\$0.25
Marguerite. This variety blooms in four months from sowing of seed; flowers large and fragrant.		
Finest Mixed. Special pkt. 25c.....		.10
Hardy Border. Double flowering dwarf and compact, early flowering, valuable for cutting. Will bloom first year if sown early. Grenadin Mixed. Special pkt. 50c.....		.15

CELOSIA (Cockscomb)

Very showy annuals of two distinct classes— Cristata , the comb varieties; plumosa , the feather sorts. Pkt.		
Cristata nana. Dwarf sorts in variety of colors. Mixed.....\$0.10		
Cristata Glasgow Prize. Dark foliage and crimson comb.....	.10	
Plumosa thompsoni. Yellow plumes; fine.....	.10	
Plumosa thompsoni. Crimson plumes.....	.10	
Plumosa childsi (Chinese Wool-flower). Large, ball-shaped, scarlet flowers blooming from July until frost. Easy of culture	.10	
Lilliput Firebrand. An early flowering Celosia. Plumes a fiery red.....	.15	

CENTAUREA

Cyanus, Double Bachelor Button. The flowers of these strains are very large, fully double and colors intensified. The finest strain obtainable.		
Blue Boy , blue; Pinkie , deep pink; White , very double.		
Mixed. Including the above. Special pkt. 25c., oz. 75c..	\$0.10	
Imperialis (Giant Sweet-sultan).		
Large, sweet-scented flowers on long stems in very beautiful colors and shades.		
Brilliant Rose. Special pkt. 25c.....	.10	
Delicate Lilac. Special pkt. 25c.....	.10	
Purple. Special pkt. 25c.....	.10	
White. Special pkt. 25c.....	.10	
Mixed. All colors. Special pkt. 25c.....	.10	
Gymnocarpa. Fine cut. Silver foliage; drooping habit.....	.10	
Montana. Hardy perennial, 2 ft. high; flowers violet blue; July to Sept.....	.10	

**CERASTIUM**

(Snow-in-summer)

Dwarf white leaves; rockery plant perennial. Pkt. 15c.

CHEIRANTHUS Pkt.

Allioni (Siberian Wallflower).	
Dwarf hardy biennial treated as annual, flowering freely through the Summer. For early flowering sow in late Summer. Brilliant orange. 1 ft.	
Special pkt. 35c.....\$0.10	

CHRYSANTHEMUMS

Very showy annuals; valuable for cutting. Pkt.

Single Mixed. Annual sorts.	
Daisylke flowers in attractive colors with contrasting tricolor zone. Special pkt. 25c.....\$0.10	

Carinatum, Double Mixed.	
Free flowering annual; valuable for cutting. Special pkt. 25c.....	.10



Celosia, cristata, dwarf

CINERARIA

Ornamental plants for greenhouse or conservatory. Seed should be sown from July to September. Pkt.

Cremer's Prize Strain. Compact habit with large flowers, very desirable colors.....	\$0.50
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COLEUS

Ornamental foliage plants.

New Hybrids, Mixed. Very choice colorings.....	\$0.25
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CLARKIA

Mixed. Free flowering annuals of easy culture, doing well in sun or shade; valuable for cutting. Special pkt. 25c.....	\$0.10
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**CLEOME**

Gigantea (Giant Spiderflower). Pkt.	
Very attractive among shrubs. Height 3 ft. Special pkt. 25c.....	\$0.10

COBAEA

Rapid-growing climbing vines with handsome, dark green foliage and bell-shaped flowers; 20 feet. Pkt.

Scandens. Blue. Special pkt. 25c.....	\$0.10
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CONVOLVULUS
(Morning-glory)

Rapid growing climbing annuals, producing quick cover and abundance of bloom. Height about 15 feet.

Major Mixed. Oz. 20c., 1/4 lb. 50c., lb. \$1.00	
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See **IPOMOEA**.

COSMOS

A hardy and rapid growing annual with feathery green foliage. Flowers have long, graceful stems and attractive for cutting. Thrives best in light soil and not too rich. Pkt.

Early Klondyke Orange Flare. Bright orange flowers borne freely on long stems. Special pkt. 35c.....	\$0.15
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Sensation. A new large flowering type, flowers often 4 in. across.	
---	--

Pink, Red and White, Mixed. .15	
--	--

Early Flowering Mammoth. Sow in April or May in the open ground where they are to grow and thin out but do not transplant. Pinch out tops when 2 to 3 ft. high to force plant to branch. Should bloom profusely from Aug. until frost.	.10
White. Special pkt. 25c.....	.10
Rose. Special pkt. 25c.....	.10
Crimson. Special pkt. 25c....	.10
Finest Mixed. Special pkt. 25c.....	.10

New Double Crested. Extra early flowering. Entirely new class, producing a very double flower crested by an outer row of petals, making a very attractive appearance. A good percentage come true from seed.	
White. Special pkt. 50c.....	.15
Rose. Special pkt. 50c.....	.15
Crimson. Special pkt. 50c...	.15
Finest Mixed. Special pkt. 50c.....	.15

CYCLAMEN

	Pkt.
Persicum giganteum. Excellent for pot plants; foliage is very beautiful.	
Mixed Colors	\$0.25

CYNOGLOSSUM

Amabile (Chinese Forget-me-not). Annual of easiest culture, producing through the Summer sprays of delicately scented intense blue flowers. Special pkt. 35c.....	\$0.10
--	--------

Firmament. Bushy plants, 18 in. tall, covered with rich blue flowers throughout the Spring and Summer. .15	
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CYPRESS VINE

Climbing annual of great beauty; foliage is extremely attractive.	Pkt.
Finest Mixed. Special pkt. 25c.....	\$0.10

DAISY, SHASTA

Alaska. Hardy perennial, blooming abundantly the first year from seed. Flowers large pure white with yellow center. Special pkt. 25c.....	\$0.10
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DAHLIA

Half-hardy perennials of value for cutting. Blooms first season from seed sown in March or April.	Pkt.
---	------

Unwin's Dwarf Hybrids. The best of the dwarf Dahlias. Plants compact and well-rounded. Semi-double flowers in many colors.....	\$0.15
---	--------

Coltness Hybrids. New dwarf single bedding sort of merit. Plants compact, about 18 in. high, blooming in continuous succession from July to frost.15
--	-----

Double Giants. Extra large flowers. Mixed colors.....	.25
--	-----

DELPHINIUM (Larkspur)

One of the most desirable hardy perennials. Flowers produced on long spikes in shadings of white and blue.	Pkt.
--	------

Belladonna Improved. An exquisite shade of turquoise-blue.....	\$0.15
---	--------

Bellamosa. Deep indigo-blue form of Belladonna.15
---	-----

Pacific Hybrids. Produced from the choicest named varieties secured from the world's noted specialists, embracing all shades known to Delphiniums. Strong, vigorous habit and large spikes.....	.35
--	-----

Hollyhock Strain (Wrexham Type). The graceful, spire-shaped spikes of enormous size and beauty of form is rapidly bringing this strain to the front as the greatest advance in Delphiniums. Mixture , special pkt. 75c.35
--	-----

Summer Cloud. Pure white, very desirable.....	.25
--	-----



Delphinium, Gold Medal



Dimorphotheca, aurantiaca

THE BOOK OF ANNUALS

By A. C. Hotte

Over 100 separate species described, with full directions for their culture and uses. 180 pages, 155 illustrations. Cloth, \$1.65 postpaid.



Dahlia

Gaillardia, picta. Single
(See page 9)**DIANTHUS**

Excellent plants for beds and borders. Flowers cover a wide range of colors and are very fragrant. Pkt.

Chinensis, Fine Mixed (China Pink). Double-flowering popular sort. Special pkt. 25c.....	\$0.10
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Hedgewigi fl. pl. Double flowering Japan Pinks.....	.10
--	-----

Hedgewigi Single Mixed. Splendid large flowering.....	.10
--	-----

Plumarius semperflorens (Ever-blooming Hardy Garden Pink). Sweet scented, double, semi-double and single flowers. Very beautiful. Special pkt. 35c.....	.15
--	-----

Sweet Wivelsfield. A new hardy annual for borders or cut flower.....	.15
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DIDISCUS

Caeruleus (Blue Laceflower). Easily grown garden annual, popular for cut flowers. Plants 2 ft. high, umbel-shaped bloom, heavenly blue. Special pkt. 35c.....	\$0.15
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DIGITALIS

Desirable plants for backgrounds, borders and among shrubbery. Handsome, spotted flowers. Pkt.

Alba. Pure white. Special pkt. 35c... \$0.10	
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Rosea. Rose color. Special pkt. 35c... .10	
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Yellow. Special pkt. 35c..... .10	
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Purple. Very fine. Special pkt. 35c.... .10	
--	--

Mixed. Special pkt. 35c..... .10	
---	--

Giant Shirley. Plant vigorous, 5 to 7 ft. high. A magnificent strain. Special pkt. 35c..... .15	
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DIMORPHOTHECA
(African Daisy)

Aurantiaca hybrida. New hybrids of African Daisy. Annual free blooming in many colors, white to red and blush, sulphur, lemon, orange, etc. Special pkt. 35c..... \$0.10	
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Aurantiaca. Orange only. Special pkt. 35c..... .10	
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DOLICHOS

Lablab, Mixed (Hyacinth-bean). Climbers. Oz. 25c..... \$0.10	
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DORONICUM

Caucasicum. Yellow daisy-like flowers. Flowers in May..... .25	
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ECHINOCYSTIS

Lobata (Wild Cucumber). A very rapid growing annual climber. Oz. 25c.. \$0.10	
--	--

ECHINOPS

Ritro (Globethistle). Thistlelike foliage Steel blue flowers in round heads, good backing for hardy border. Special pkt. 25c..... \$0.10	
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National

"Eezy Wear" Garden Gloves

Gloves. A soft, pliable, all-leather, dirt proof glove for both men and women—specially adapted for general home use, such as housework, garden, garage, furnace. Pair 75c.	
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ESCHSCHOLTZIA*(California-poppy)*

There have been many new shades produced in the last few years which add very much to the beauty of these profuse blooming hardy annuals. Poppylike blooms June until frost.

Pkt.

Ramona Strain. Flowers beautifully frilled and fluted in many bright colors. Plants dwarf and compact. Special pkt. 35c.....\$0.10

Aurantiaca. Rich orange, true California Poppy. Special pkt. 25c.... .10

Golden Rod. Erect plants, golden yellow, borne well above the foliage... .10

Semi-double Sunlight (*Hunnemannia*). Bright canary yellow flowers on long stems..... .10



Godetia, Dwarf Double

EUPHORBIA

Very pretty, quick growing annuals. Very attractive arranged with annual flowers or in vases alone. Keep a long time cut. Pkt.

Variegata. White and green foliage. Special pkt. 25c.....\$0.10

GAILLARDIA

Showy bedding and border plants blooming the first season from seed and among the gayest blooms in the garden in Summer and Autumn. Combinations of yellow and red predominate; flowers 2 inches or more in diameter on long stems. Desirable for cutting.

Pkt.

Single Mixed. Annual, containing many shades of red and yellow. Special pkt. 25c.....\$0.10

Indian Chief. Dark brown center with glittering bronzy red petals. Annual. .15

Lorenziana, Mixed. Superb annual sort. Special pkt. 25c..... .10

Goblin (*New*). compact plants, 12 in. high, covered with large yellow blooms bordered with red..... .15

Grandiflora, Mixed. Perennials of great beauty. Special pkt. 25c..... .10

The Dazzler. Intense maroon red and golden yellow. Special pkt. 25c.... .15



Gypsophila

GERANIUM

Finest Mixed.....\$0.10

GEUM

Mrs. Bradshaw. Double orange scarlet, flowers entire Summer.....\$0.15

Lady Stratheden. Golden yellow, double-flowering, new..... .15

GLOXINIA

Erecta, Mixed. Splendid pot plants.. \$0.25

GLOBE-AMARANTH

Mixed. Showy, everlasting.....\$0.10

GODETIA

Dwarf, Double Azalea-flowered. Containing many shades of red and pink.\$0.10

Dwarf Compact Single. Same colors as above with single cuplike flowers.. .10



Helianthus, Californicus

GORDS, ORNAMENTAL

Calabash or Pipe (large) **Dishcloth** (large)
The following list are all small:

Apple	Orange
Bottle	Egg-shaped White
Pear Bicolor	Warted All Shapes
Pear Striped	Small Varieties Mixed

All above. Pkt. 10c., oz. 30c.

GYPSOPHILA

Pkt.

Paniculata. Perennial; fine, feathery white flowers. Much used in mixed bouquets and dried for use with dried everlastings. Special pkt. 25c.....\$0.10

Paniculata, Double Snow White. Valuable, hardy perennial of recent introduction. 3 to 3½ ft. high. Very attractive when cut, lasting a long time..... .25

Elegans grandiflora alba. Large flowering, pure white. Sowings should be made at intervals of two weeks to insure continuous bloom. Hardy annual. Oz. 25c., ¼ lb. 75c..... .10

Elegans grandiflora rosea (Pink Babysbreath)..... .10

HELIANTHUS (*Sunflower*)

Hardy annuals; flowers attractive. Pkt

Annuus purpurea (Red Sunflower). Some flowers chestnut red, others tipped yellow, others washed with red.\$0.10

Californicus. Large, double, orange color..... .10

Miniature Sunflowers. Single, abundant bloomers. 3 ft.

Mammoth Russian. Immense single yellow flowers; height 6 to 8 ft. Oz. 10c.

HELICHRYSUM (*Strawflower*)

One of the best everlastings, making fine display in the border or dried for Winter bouquets. For Winter use cut when only partly open, take off all foliage, tie in bunches and hang head down in dark place to dry. Sow seed early in Spring and transplant or thin to 12 inches apart.

Pkt.

Mixed Colors. Special pkt. 25c....\$0.10

HELIOTROPE

Finest Mixed. Popular for pots or bedding.....\$0.10

HEUCHERA

Sanguinea (Coralbells). Perennial flowers, bright coral red, leaves light green, excellent for cutting. 30 in.. \$0.25

HIBISCUS

Giant Flowering. Improved form of native Mallow with flowers often 8 to 10 in. in diameter. Height 5 to 8 ft., blooming freely from July until frost. Colors, red, pink, white.

Mixed. All colors. Special pkt. 25c.\$0.10

HUMULUS

Quick growing annual climbers for covering arbors, etc., the first season from seed. Pkt.

Japonicus variegatus. Variegated green and white.....\$0.10



Kochia



Ipomoea, Heavenly Blue



Larkspur, Giant Imperia

HOLLYHOCK

Very ornamental perennials, attractive in mixed borders, making an attractive background. Flowers about 3 inches across set as rosettes around strong growing stalks. Seed sown in May or June make fine blooming plants the following season. Pkt.

Indian Spring (New). Very attractive, rose and rosy carmine shades. Blooms first year from seed.....\$0.25

Triumph, Double Mixed. New early flowering strain, containing a great variety of new colors. The flowers are gracefully waved and fringed.....\$0.25

Imperator. Large fringed flowers, with rosette in center, delicate pink to cerise salmon....\$0.25

Double Orange Prince (New). Rich apricot orange.....\$0.25

Chaters Double Prize Strain. Pure White Deep Rose Newport Pink Scarlet Sulphur Yellow Salmon

Chaters Double Mixed and Above Separate Colors. Special pkt. 35c.....\$0.10

Single Mixed. All colors. Special pkt. 25c.....\$0.10

HONESTY

Biennial treated as annual. Admired for its silvery seed pouches. Pkt. 10c.

ICE PLANT

Trailing plants for rockeries, baskets, etc. Pkt. 10c.

IMPATIENS

Pkt.

Sultana (Sultans-balsam). Beautiful decorative plants.....\$0.15

IPOMOEA

Grandiflora (Moonflower). Rapid climbers with large, white flowers.....\$0.10

Imperial Japanese Morning-glory. Very attractive, rapid climbers. Oz. 25c.....\$0.10

Scarlett O'Hara. An entirely new color in this popular flower. Described as a deep rosy crimson. Special pkt. 50c.\$0.15

Rose Marie. Early free flowering Ipomoea. Flowers deep rose double and semi-double.....\$0.15

Clark's Mammoth Heavenly Blue. An early flowering strain that is very popular. Fine for trellises and screening. Special pkt. 35c.....\$0.15

KOCHIA

Pkt.

Childsi (Summer-cypress), Burningbush. An easily grown annual, 3 ft. high. Makes an excellent hedge or fine specimen. Compact, pyramidal growth, light green turning to blood red early in Autumn. Special pkt. 25c.....\$0.10

KUDZU-VINE

Perennial vine, rosy purple, pea-shaped flowers. Pkt. 10c., $\frac{1}{2}$ oz. 25c.

LANTANA

Pkt.

Hybrida, Mixed. Rapid growing, small, bushy shrubs.....\$0.10

ANNUAL LARKSPUR

This well known garden annual has been wonderfully improved in the last few years by selection for size of bloom and color as well as general habit of plant. Seeds sown early in house or hotbed produce strong plants ready for open ground in May or seeds sown in open ground in April will bloom profusely from July to frost. 3 feet.

Pkt.

Giant Imperial (New). The following are of the Improved, upright Delphiniumlike habit and superior to the older type of annual Larkspurs.

Blue Spire. Deep Oxford blue. Special pkt. 35c.....\$0.15

Exquisite Pink Improved. Soft pink shaded salmon. Special pkt. 35c.....\$0.15

Exquisite Rose. Rose pink. Special pkt. 35c.....\$0.15

Lilac Spire. Clear lilac. Special pkt. 35c.....\$0.15

White Spire. Dazzling pure white. Special pkt. 35c....\$0.15

Giant Imperial Mixed. Including all the above varieties. Special pkt. 25c....\$0.10

Mignonette
(See page 11)**LATHYRUS**

Pkt.

Latifolius (Perennial Pea). Mixed. Climbers. Special pkt. 25c.....\$0.10

LAVATERA (Summer Mallow)

A very showy annual; the leaves are large and downy and effective in the border. The cup shaped flowers 2 to 3 inches in diameter form in the axils of the upper leaves and are produced profusely; long keeping as a cut flower. Useful sown late to fill in after Spring flowers. Pkt. 10c.

Splendens (Sunset). Rosy carmine. Pkt. 10c., special pkt. 35c.

LINUM (Flax)

Annuals of graceful habit. Pkt.

Grandiflora rubrum. Dark red.\$0.10

Grandiflorum caeruleum. Blue.....\$0.10

Perenne (Perennial Flax). Blue. .10

LOBELIA

Graceful plants for vases, edgings, etc. Pkt.

Sapphire. A very strong growing variety, dark blue with white eye; suitable for piazza boxes and hanging pots.....\$0.15

Gracilis. Trailing sort. Light blue.....\$0.10

Crystal Palace Compacta. Erect sort, dark blue.....\$0.10

LINARIA

Cymbalaria (Kenilworth-ivy). Trailing plant for vases, etc. \$0.10

Fairy Bouquet. Easily grown annual adapted to borders or rockery, bearing small spikes like miniature Snapdragons, yellow, crimson, pink, purple, etc. Special pkt. 35c.....\$0.10

LUPINUS (Lupine)

Annual sorts. Easily grown, free flowering annuals with graceful spikes of various-colored, pea-shaped flowers suitable for beds, borders and cutting. Do best in partial shade. Pkt.

White. $\frac{1}{2}$ oz. 25c.....\$0.10

Rose. $\frac{1}{2}$ oz. 25c.....\$0.10

Dark Blue. $\frac{1}{2}$ oz. 25c.....\$0.10

Sky Blue. $\frac{1}{2}$ oz. 25c.....\$0.10

Annual Mixed. All colors. Oz. 30c.....\$0.10

Polypyllus (Perennial Sorts), Hardy perennials blooming in May and June. Will thrive in any good garden soil.

Blue. Special pkt. 25c.....\$0.10

White. Special pkt. 25c.....\$0.10

Moerheimi. Rose and white, very large flowering.....\$0.15

Finest Mixed. $\frac{1}{2}$ oz. 25c.....\$0.10

Russell Hybrids. A most remarkable new strain of hardy Lupins. The plants grow into well - rounded, well - branched bushes, each developing a number of extra large spikes closely set with flowers. Pkts. 25c. and 75c.....\$0.10

LYCHNIS

Chalcedonica (London Pride). Bright scarlet, 2 to 3 ft. high. Hardy perennials.....\$0.10

MATRICARIA

Capensis (Double White Feverfew). Fine bedding plant, producing attractive double white flowers in abundance the entire season.....\$0.10

Marigold
MonarchNasturtium
Double Gleam

Nicotiana

Marigold
Tall African**MARIGOLD**

Old-fashioned hardy annuals of easy cultivation; the African type are mostly tall growing, making excellent large beds or mass planting, also attractive in mixed borders. French varieties are mostly dwarf, making attractive borders. Seed may be sown in open ground in April and satisfactory results obtained. Sown in house or hotbed in March and transplanted before planting out in May, will produce more satisfactory blooming period.

	AFRICAN DOUBLE Pkt.
African All Double. These new Marigolds will produce nearly 100 per cent double flowers. Orange or lemon. Special pkt.	35c.....\$0.15
African Tall Mixed. Large flowering, orange and lemon shades. Special pkt. 25c.....	.10
Sunset Giants. A magnificent new Marigold with blooms measuring from 5 to 7½ in. across and includes many shades of yellow and orange..	.15
Guinea Gold. A distinct type of graceful, pyramidal growth, 2 to 2½ ft. high, flowers 2 to 2½ in. in diameter; brilliant orange and double ruffled loose petals. Special pkt. 35c.....	.10
Yellow Supreme. Fluffy blooms with broad frilled petals of a rich, creamy lemon yellow. Special pkt. 35c.....	.10
COLLARETTE, or CROWN	
Crown of Gold. Odorless foliage and sweet-scented flowers. The crown and collar of big, broad petals which surround it are of a bright golden orange.	.15
Yellow Crown. Foliage is entirely odorless as in "Crown of Gold." Both collar and crown are of a clean, refreshing, cheerful, bright canary-yellow color.	.15
Spanish Gold. "Hedge or Border Type." Deep golden orange flowers, which grow 3 in. across. Plants grow about 20 in. tall.....	.15

	FRENCH DOUBLE-FLOWERING DWARF Pkt.
Harmony. Wonderful scabious-like flowers of deep orange with maroon collar of broad petals.	\$0.10
Monarch Strain. This selection covers the best of the dwarf, compact, large, light double flowers. Special pkt. 25c....	.10
Mixed. Golden and maroon sorts. Special pkt. 25c., oz. 75c.....	.10

FRENCH SINGLE-FLOWERING DWARF Pkt.

Fire Cross. Saffron orange, brown center. Special pkt. 25c.	\$0.10
Legion of Honor. Single. Golden yellow with purple. Special pkt. 25c.....	.10
Silver King. Pale yellow, maroon base. Special pkt. 25c..	.10
Border of Gold (<i>Tagetes signata pumila</i>). Single bright orange flowers completely covering the plant, fernlike foliage. Height 6 in. Fine for edging. Special pkt. 25c.....	.10
Josephine, Tall French. 4 ft. Maroon blotched gold. Very fine for cut flowers. Special pkt. 25c.....	.10
Royal Scot, Dwarf French. Large well-formed flowers of mahogany and gold.....	.10

MARVEL OF PERU
(Four-o'clock)

Favorite, old fashioned flowers, bushy habit, bearing hundreds of pink, white, yellow, crimson and violet flowers.

Pkt. **Mixed.** Oz. 25c.....\$0.10

Red, Rose, Yellow. Oz. 35c... .10

MIGNONETTE

Well known, hardy annual producing very fragrant, cone-shaped flowers. Sow in open ground as soon as danger of frost is over, well pulverized sandy loam is best. Thrives best in cool temperature.

Pkt. **Machet.** The best Mignonette for all purposes, indoor or outside. Special pkt. 25c.....\$0.10

MIMULUS

Moschatus (Muskplant). Yellow, sweet scented.....\$0.10

MIMOSA

Pudica (Sensitiveplant)\$0.10

MYOSOTIS (*Forget-me-not*)

Charming, half hardy perennials, producing small blue flowers.

Pkt. **Alpestris Victoria.** Stout, bushy habit. Special pkt. 35c.....\$0.10

Palustris (True Marsh Forget-me-not). Blue with white eye. Special pkt. 50c.....

.15 **Indigo Blue.** Intense dark blue strain. Special pkt. 50c.....

.15 **Chinese Forget-me-not.** See *Cynoglossum amabile*.

NASTURTIUMS, DWARF

For Summer flower beds nothing can surpass them; plants form perfect mounds about 1 foot high by 1 foot across. Seed sown in open ground early in Spring produces blooming plants in early Summer and continues until frost.

Pkt.

Mixed. Extra quality of named varieties. Oz. 20c., ¼ lb. 50c., lb. \$1.50.....\$0.10

NASTURTIUMS, TALL, or CLIMBING

For covering trellis, fences, rockeries, etc., or trailing from vases, they are unexcelled; of easy culture and rapid growth; 12 to 15 feet high.

Pkt.

Mixed, Extra Quality of Named Varieties. Oz. 20c., ¼ lb. 50c., lb. \$1.50.....\$0.10

NASTURTIUMS**DOUBLE SWEET SCENTED**

Pkt.

Double Mahogany. Dark mahogany red.....\$0.15

Golden Gleam. Special pkt. 25c.....

.10

Orange Gleam (New). Deep, glowing orange.....

.15

Scarlet Gleam. Dazzling scarlet. Special pkt. 25c.....

.10

Sun Gleam. Brilliant lemon yellow.....

.15

Supreme. Salmon cerise.....

.15

Gleam Hybrids. Gorgeously colored. Oz. 25c., ¼ lb. 60c. .10

Dwarf Gem Mixture. Very compact plants. Oz. 25c., ¼ lb. 75c. .10

Dwarf Golden Globe. Deep golden yellow.....

.10

NEMESIA

Pkt.

Strumosa suttoni. Splendid annual with large flowers, varying in color from creamy white to orange and carmine. Fine for bedding, doing best in a cool location. **Mixed Colors**....\$0.10

NEMOPHILA**(Baby Blue Eyes or Blue Bells)**

Low growing annuals of easy culture.

Mixed. Special pkt. 25c.....\$0.10

NICOTIANA

Affinis (Sweet-scented Flowering Tobacco).

Pink and Rose Shades.

Red Shades. White.

Each of the above: Pkt. 10c. special pkt. 25c.

Petunia, *nana erecta*

Phlox drummondii

Poppy,
carnation-flowered
(See page 13)

Petunia, fringed

Nana Erecta. Mixed. Comprising all the dwarf compact sorts. Special pkt. 35c.
California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings.
Dwarf Giants of California (Ramona Strain). Very compact plants, large and beautiful flowers of many colors.
Double Mixed. Extra quality, producing a good percentage of double flowers.

PANSIES

Seed should be sown in July and August for early Spring blooming, or if sown in May will make excellent plants for late blooming.

Pkt.

Pino's Special Mixture. In this mixture we offer all the choice fancy sorts and we believe nothing better can be procured. Special pkt. 50c.....\$0.25

.25

Mapleleafed Giant. An entirely distinct type of Pansy, with very large flowers on strong plants.....

.25

Swiss Giants. A new strain. Very large flowering, containing many unusual colors—pink, red, yellow, blue, all blotched. Special pkt. 50c.....

.25

Tufted Pansies. Very free blooming Pansies adapted to shady places. Small flowering, seed should be sown in early May or August.

Apricot. One of the best Violas, rich apricot yellow, tinged orange; large, free bloomer.....

.25

Admiration. Dark blue. Special pkt. 50c.....

.15

Lutea Splendens. Yellow. Special pkt. 50c.....

.15

Mauve Queen. Mauve. Special pkt. 50c.....

.15

Papilio. Purple. Special pkt. 50c....

.15

White Perfection. Pure white. Special pkt. 50c.....

.15

Finest Mixed. All colors. Special pkt. 40c.....

.15

PETUNIAS

General favorites of easy cultivation, blooming continuously from early Summer till frost. Favorite for massing in beds and bordering walks and drives; also used in vases and window boxes.

Pkt.

De Luxe Bedding Mixture. This mixture is outstanding as it is made up exclusively of the largest flowered varieties in the Hybrida group and also contains a percentage of fringed and waved sorts. Special pkt. 35c....\$0.15

Burgundy. An excellent variety for pots, beds or window boxes. Color a rich Burgundy-red enhanced by a rich, velvety sheen, throat white-veined purplish-red.....

.25

Flaming Velvet. Very large flowers of a brilliant, velvety blood-red.....

.15

Rosy Morn. Clear pink, white throat; compact, a constant bloomer. Special pkt. 50c.....

.15

Rose of Heaven. Dwarf, rose pink, erect habit. Special pkt. 35c.....

.10

Violacea. Compact, free flowering. Steel blue or deep violet. Special pkt. 50c.....

.15

Salmon Supreme. A grand new color in Petunias. The flowers when first opening, are of a rich coral-salmon, changing as they mature to a glistening soft salmon-pink. They have a uniform height of 1 foot and very floriferous.....

.25

Snowball. Compact, free flowering. Pure white. Special pkt. 50c.....

.15

Silver Blue. Light blue. Special pkt. 50c.....

.15

Velvet Ball. Flowers deep, luscious shade of velvety blood-red. Plants well formed, growing about 8 in. tall. Very free flowering.....

.25

Comprising all the dwarf compact sorts.

.15

California Ruffled Giants. Extremely large flowers with ruffled edges; exquisite colorings and markings.....

.25

Dwarf Giants of California (Ramona Strain). Very compact plants, large and beautiful flowers of many colors.....

.50

Double Mixed. Extra quality, producing a good percentage of double flowers.....

.35

Portland Petunias

A new type adapted to planting in veranda boxes or bedding where the unusual is wanted. Pkt.

Elks Pride. Deep royal purple, large size, plain edge.....\$0.25

Pride of Portland. Large, deep rose pink with whitish yellow throat; fringed..... .25

PENTSTEMON (Beardtongue)

Perennial plant producing large spikes of handsome, tubular flowers in almost every shade and color. Large flowering hybrids.

Pkt.
Mixed. Special pkt. 35c.....\$0.10

PHYSALIS

Franchetti (Chinese Lanternplant). An attractive plant, forming red, lanternlike pods retaining their color for months; excellent Winter decorations. Special pkt. 25c.....\$0.10

PLATYCODON

Grandiflora. Hardy perennial, bright blue, bell-shaped flowers. 2 ft.\$0.10

PHLOX DRUMMONDI

Hardy, bushlike annuals with many clusters of brilliantly colored flowers. Attractive in clumps and massed beds and desirable for combining in mixed bouquets.

Pkt.

Gigantea, Art Shades. A new strain of Phlox drummondi, with flowers an inch and a quarter in diameter. It has a most wonderful range of color in soft art shades.....\$0.15

Salmon Glory. A very outstanding variety. The color is a pure salmon-pink with a distinct creamy-white eye. Very large flowering.....

.25

Grandiflora alba. Pure white. Special pkt. 50c.....

.10

Coccinea. Brilliant scarlet. Special pkt. 50c.....

.10

Chamois Rose. Deep salmon rose. Special pkt. 50c.....

.10

Isabella. Light yellow. Special pkt. 50c.....

.10

Rosea. Bright rose. Special pkt. 50c.....

.10

Violacea. Purple violet, white eye. Special pkt. 50c.....

.10

Grandiflora, Mixed, Choice Large-flowering Sorts. Special pkt. 35c.....

.10

Drumondi, Dwarf or Compact. Grow very symmetrical in neat little bushes, 6 to 8 in. high and covered with flowers during the entire season. Excellent for beds, borders or clumps in the rock garden. Easily grown.

Cecily Mixed. Special pkt. 50c.....

.10

Cuspidata. Splendid star-shaped varieties.....

.10

Decussata Mixed. Perennial sorts. Special pkt. 35c.....

.10

POLYANTHUS

Popular, hardy perennial. Pkt

Finest Named Sorts Mixed. Special pkt. 50c.....\$0.15

PORTULACA

Very brilliant, dwarf annuals, suitable for warm, dry situations. Should not be sown until hot weather.

Pkt.

Single, Fine Mixed. Special pkt. 25c.\$0.10

Double, Choice Mixed. Special pkt. 35c.....

.10

POPPIES

Splendid plants for borders, etc., producing a profusion of bloom throughout the Summer. Flowers are remarkable for large size, delicacy of tissue, and brilliancy of dazzling colors. Keep blooms cut regularly for long blooming season.

Pkt.

Carnation-flowered. Splendid double fringed varieties. Mixed. Oz. 25c.. \$0.10

Peony-flowered, Mixed. Double varieties. Oz. 25c..... .10

American Legion. Single, brilliant orange scarlet, yellow anthers. Special pkt. 25c..... .10

Shirley, Single Mixed. Very dainty colored, with rich satin appearance. Graceful in habit, with bright green, fernlike foliage. Flowers, white, yellow and orange, borne on slender, wiry stems, 12 in. high. 1/2 oz. 30c.

.10

Shirley, Double Begonia-flowered, Ryburgh Hybrids Mixed. Resembles the double Begonia, with many bright colors. Special pkt. 25c.

.10

Iceland Sunbeam. A new race with longer stems and larger flowers, flowering May to Oct. Special pkt. 25c..

.10

Oriente. Enormous deep scarlet flowers. Perfectly hardy. Special pkt. 35c..... .10

Princess Victoria Louise. Light salmon-rose oriental Poppy..... .10

Oriente Hybrids, Mixed. Hardy perennial. Finest shades. Special pkt. 35c..... .10

PRIMULA

Oboconica Gigantea. Excellent pot plants for Winter decorations.....\$0.25

PYRETHRUM

Pkt.

Aureum (Golden-feather). Golden-leaved plant for edging.....\$0.10

hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to deep red with bright yellow centers. Bloom in May and June, very graceful long lasting cut flowers. Hardy Perennial. 2 ft.

Giant-flowered Single Mixed. Special pkt. 50c..... .15

Choice Double Mixed. Special pkt. 50c..... .25

RICINUS (Castor-bean)

Highly ornamental plants; excellent for large groups.

Pkt.

Zanzibarensis, Mixed. Very large growing sort, extremely attractive. Oz. 25c..... .10

ROCKET, SWEET

Hardy perennial. For planting among shrubbery or in permanent borders; fragrant. 2 to 3 feet high.

Pkt.

Purple or White or Mixed. Special pkt. 25c..... \$0.10

RHODANTHE

A charming annual everlasting. Valuable dried for Winter bouquets.

Pkt.

Mixed. Special pkt. 25c..... \$0.10

SALPIGLOSSIS

One of the most attractive annuals. Blooms tube-shaped, much like the Petunia, but more beautiful in color display; 2 1/2 feet. Pkt.

Emperor, Finest Mixed. Special pkt. 25c..... \$0.10

SALVIA (Scarlet Sage)

One of the most popular and useful bedding plants; nothing more attractive in the Fall than these bright scarlet flowers. Seed should be started in house or hotbed from February to April or may be sown in open ground in May. Easily grown, free flowering and extremely showy.

Pkt.

Harbinger. The earliest blooming Salvia. Dazzling scarlet flowers and deep green foliage. Height 16 in.....\$0.25

Bonfire. Early flowering scarlet; 1 1/2 ft. Special pkt. 35c..... .10

Patens. Rich deep blue..... .15

Farinacea. Perennial. Blooming first season from seed. Produces long, blue spikes..... .15



Iceland Poppies

LARGE FLOWERING ANNUAL SCABIOSA

(Mourning Bride—Pincushion Flower)

Seed may be sown where they are to grow soon as ground can be worked in Spring or for earlier blooming sow early and transplant 12 to 18 inches apart. Height 2 1/2 feet, stems long and graceful and keeps well when cut.

Ageratum Blue

King of Blacks. Reddish black.

Peach Blossom. Pink.

Fire King. Rosy crimson.

Shasta. Pure white.

Sulphur Yellow.

Each, above, special pkt. 25c..... \$0.10

Blue Moon. An entirely new form of Scabiosa. This new type has flowers composed entirely of broad, heavy petals eliminating the pincushion center entirely. The color is a rich, deep lavender-blue..... .25

Blue Cockade (New). Deep azure blue Heads conical in shape. Special pkt. 25c..... .10

Loveliness (New). Salmon rose. Special pkt. 35c..... .10

Salmon Beauty. Pure salmon in color, with huge flowers and all the vigor of its near relative, the popular Loveliness..... .25

Choice Mixed. Special pkt. 25c... .10

Hardy Perennial Scabiosa Caucasicana. One of the best hardy perennials, color soft lavender blue, desirable for cutting. Lasting a long time in water. Special pkt. 50c..... .15

New Giant Hybrids (Isaac House Strain). Improvement on Caucasicana; longer and stouter stems and larger bloom. Outer edges ruffled, colors range from light lavender to dark blue. Special pkt. 50c..... .25



Poppy, Single Shirley



Salpiglossis



Ricinus



Scabiosa



Stocks, Ten Weeks



Sweet-William



Thunbergia



Verbena

SCHIZANTHUS (*Butterflyflower*)

One of our best hardy annuals, of easy culture in any good garden soil, bearing a profusion of butterflylike flowers of various colors; resembling some species of Orchids. Are also adapted for late Winter and should be planted in Fall for this purpose. Pkt. **Sunset Hybrids.** Compact plants with many colored blooms. Special pkt.

25c.....\$0.10

SOLANUM (*Cleveland Cherry*)

More compact than the ordinary Jerusalem Cherry and produces the scarlet fruits in greater profusion. Pkt. 10c., special pkt. 25c.

STOCKS

Often called Gilliflower, unexcelled for beauty and fragrance. Given good, rich soil they will produce full spikes of double blooms; valuable for cutting. Seed may be sown outdoors early in Spring; using well fertilized, well pulverized soil, covering seed $\frac{1}{4}$ inch and press down firmly. Make rows 18 inches apart, thin to 6 inches. For earlier blooming, sow indoors in March or April, transplant to open ground last of May.

EXTRA EARLY FLORISTS MARKET

Branching habit, 2 to $2\frac{1}{2}$ feet, early blooming and produces a high percentage of double blooms. Considered the most desirable variety for greenhouse or conservatory, unexcelled for bedding. Pkt.

Pure White.....\$0.20

Rose.....\$0.20

Dark Blue.....\$0.20

Lavender.....\$0.20

Canary Yellow.....\$0.20

Finest Mixed. Special pkt. 50c....\$0.20

GIANT COLUMN

Non-branching, type producing huge spikes 2 ft. in height, with high percentage of double flowers. Pkt.

Mixed Colors.....\$0.25

LARGE FLOWERING, DWARF GERMAN

Finest Mixed. An excellent mixture made from named varieties, specially selected for their brilliancy. Produces pyramidal spikes with a good percentage of double. Special pkt. 50c.....\$0.10

STATICE (*Thrift*)

Free flowering, valuable cut flower either fresh or dried. Pkt.

Sinuata. White.....\$0.10

Sinuata rosea superba.....\$0.10

Sinuata, True Blue. Extra deep.. \$0.10

Sinuata. Yellow.....\$0.10

Latifolia. Perennial for border or rockery. Purplish blue flowers, may be used for Winter dried flowers.....\$0.10

STOKESIA (*Cornflower Aster*)

Hardy perennial, about 2 feet high, with handsome lavender blue, Cornflowerlike blooms from July till frost. Makes a fine specimen in the border; valuable as a cut bloom. Pkt. 10c.

THUNBERGIA (*Black-eyed-susan*)

Rapid growing annual climbers adapted to hot, sunny situation in hanging baskets, vases, etc. Flowers buff, white, orange with black eye. Special pkt. 25c.....\$0.10

SWEET-WILLIAM

Popular, old fashioned, hardy perennials for beds or borders. Easily grown from seed, forming fine clumps which produce brilliant colored flowers the second season. Seed should be sown early in Spring in finely pulverized soil; cover $\frac{1}{4}$ inch of fine soil and firm down well. Thin to 6 inches apart. It is advisable to sow every year as young plants will flower more satisfactorily. Pkt.

Pink Beauty. Special pkt. 25c.....\$0.10

Pure White. Special pkt. 25c.....\$0.10

Dark Crimson. Special pkt. 25c.....\$0.10

Holborn Glory. A wide range of colors with clear white eyes. Special pkt. 25c.....\$0.10

Diadem. Crimson, white eye. Special pkt. 25c.....\$0.10

Scarlet Beauty. Special pkt. 25c.....\$0.10

Single, Mixed. Special pkt. 25c.....\$0.10

Double, Mixed. Special pkt. 25c.....\$0.10

TORENIA

Fournieri. A very fine annual for vases, hanging baskets, borders, etc. covered with a mass of sky blue flowers spotted dark blue; yellow center...\$0.15

TRITOMA (*Red Hot Poker*)

Early flowering hybrids. Sown early will bloom first season from seed.....\$0.15

TROPAEOLUM

Pkt.

Canariensis (Canary-bird Flower). A rapid growing, half hardy climber. Foliage profuse green and the curiously-formed yellow flowers producing a charming contrast. Desirable for shady locations. $\frac{1}{2}$ oz. 25c.....\$0.10

VERBENA GRANDIFLORA

A magnificent new strain of robust, compact habit and free blooming. For early blooming, sow indoors and transplant to open ground in May. Seed sown in open ground in April or May make bloom from August until hard freezing weather. Pkt.

Blue. White eyes.....\$0.15

Luminous. Flame pink shading to salmon.....\$0.15

Lucifer. Vivid scarlet.....\$0.15

White. Immense size.....\$0.15

Lavender Glory (New). Large lavender with white eye.....\$0.15

Hybrida grandiflora. New mixed. Special pkt. 35c.....\$0.10

Lemon Scented. Fragrant leaves....\$0.10



Schizanthus

Sweet Peas

The proper time to spade the garden for Sweet Peas is in the Fall, as the longer the soil remains in the rough state the better. Give a liberal dressing of well-rotted stable manure, ground bone and a dusting of lime. Spade to a depth of 6 or 8 inches and allow soil to remain in the rough without chopping down. When sowing seed, see that the soil is firmly trodden down, as Sweet Peas require not only a deep soil but a firm one. Seed should always be sown early in Spring 1 inch deep, and when plants are well up thin to 2 to 4 inches apart. Pinch out tops to start branching. Support should be given early before plants get twisted. When hot, dry weather begins, see that the plants are well mulched and well watered. Look out for green aphis and keep clean by spraying with solution of tobacco etc. Care must be taken to keep flowers picked, as the forming of seed pods will stop blooming.

GIANT RUFFLED SPENCER

The Newest and Most Beautiful of All

The main characteristic of this new type is the duplexness and extra frilliness of the flowers. This imparts a double appearance to the large, wavy flowers, the frilliness extending even to the edges of the wings. Lovely four-flowered sprays.

This type has been proclaimed by Sweet Pea experts and flower enthusiasts as the greatest advancement made in Sweet Peas for many years.

RUFFLED BLUE

Beautiful ruffled and duplexed midblue flowers, nicely arranged in fours on long, stout stems.

RUFFLED ORCHID

Lavender pink with pastel mauve sheen that approaches the color which is typical of certain Cattleya Orchids.

RUFFLED ROSE

Soft but rich shade of rose with a cast of salmon which adds warmth and attractiveness to the flower.

RUFFLED CARMINE

Lovely carmine rose of remarkable brightness, yet soft and pleasing and entirely free from any harshness and glare.

RUFFLED PRIMROSE

The best deep primrose or cream. Black-seeded but free from any pink hue or blush.

RUFFLED WHITE

The outstanding new, white-seeded white Sweet Pea. Its blooms are of gigantic size and are often borne five to a spray.

Above varieties: Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00

GIANT RUFFLED MIXTURE

This outstanding mixture contains all the named varieties of the Giant Ruffled class properly blended. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c., 1b. \$2.50.

THYMUS

Pkt.

Serpyllum. Creeping plant with scarlet flowers. Perennial.....\$0.15

TROLLIUS

Orange Globe. Giant double Buttercup. Perennial.....\$0.15

VERONICA (Speedwell)

A hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July. Pkt.

Spicata. Bright bluc. 18 in. Special pkt. 35c.....\$0.10

Longifolia. Rich blue. 2 ft. Special pkt. 35c..... .10

VINCA

Fine for pots or borders. Alba, pure white; Rosea, rose; Mixed. Each.....\$0.10

VIOLA

Odorata (Sweet Violet). Fragrant bedding plant.....\$0.10

VIRGINIAN STOCKS

Hardy annuals for beds and borders. Pkt. 10c.



Sweet Pea

WALLFLOWER

Well-known, fragrant, half-hardy perennial blooming early in the Spring. Plants should be protected in cold-frame during Winter and planted out in April. Pkt.

Earliest Paris.	Flowers first season from seed and continues bloom until freezing weather. Fine for cut blooms, keeps well and has a very delicate perfume. Separate colors: Blood red, light brown, golden. Special pkt. 25c.....\$0.10
Single Mixed.	Special pkt. 25c..... .10
Early Wonder.	Double flowering annual..... .15

WILD FLOWER GARDEN MIXTURE

These mixed flower seeds embrace more than a hundred varieties of such easy growing and pretty flowers as are suitable for forming a wild flower garden. They are very useful for woodland walks, roadsides, alongside of fences, and on untidy bare spots which, if properly cared for and kept free from weeds, can bloom during the Summer. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.



Wild Garden

ZINNIAS—No Garden Is Complete Without Them

Robust-growing annuals, very free flowering. No flowers are more easily grown from seed in the open ground and few bloom so continuously throughout the entire Summer. Those acquainted only with the old-time Zinnias will be surprised at the perfection to which the newer strains have attained.



Zinnia, Desert Gold



Zinnia, Fantasy



Zinnia, Haageana

Double Giant Dahlia-flowered

These flowers have a very marked distinction from the ordinary giant class, being true, Dahlia-flowered type, and when picked and placed with Dahlias, it is difficult to tell one from the other. Very free blooming. Pkt. **Crimson Monarch.** Largest and best of the red shades. \$0.10 **Dream.** Fine deep lavender, turning to purple..... 10 **Exquisite.** Light rose, deep rose center..... 10 **Golden Dawn.** Golden yellow. 10 **Lemon Beauty.** Light lemon yellow..... 10 **Oriole.** Immense orange and gold bicolor..... 10 **Polar Bear.** Very large, the best white sort..... 10 **Will Rogers (New).** The loveliest and most brilliant scarlet-red..... 25 Above separate colors, Special pkt. 40c. **Finest Mixed.** Special pkt. 35c., oz. \$1.25..... 10

Desert Gold

Light and deep shades of gold, each petal overlaid at the base with a deeper golden yellow. Pkt. 15c.

Fantasy

A most fascinating new Zinnia. The very informal, shaggy appearing flowers are graceful and interesting. Pkt.

Orange Lady. Deep bright orange..... \$0.15 **Rosalie.** Bright intense rose. 15 **Star Dust.** Light yellow... 15 **White Light.** Pure white.. 15 **Wildfire.** New, dazzling scarlet..... 25 **Choice Mixed.** Pkts. 15c. and 35c.

Zinnia Lilliput Tom Thumb Mixture

Plants 4 to 6 inches high, very compact, covered with well formed Lilliput type flower covering a wide range of colors. Pkt. 15c., special pkt. 35c.

Dwarf Double

(Cut-and-come-again)

Medium size flowers, fine for cutting.

Bright Scarlet
Canary Yellow
Golden Yellow

Separate color or mixture, pkt. 10c., special pkt. 25c., oz. \$1.00

CUPID

Small, button-like flowers; dwarf well-formed plants. **Mixed colors.** Pkt. 15c.

California Giants

Plants of this class are extremely robust, growing 18 to 24 inches high, producing flowers often 5 inches in diameter, mostly very double and of uniform, large size. Adapted to planting of large beds and borders.

Cerise Queen.

Lemon Queen. Lemon orange.

Miss Willmott. Soft pink.

Orange King. Burnt orange.

Purity. White.

Salmon King.

Scarlet King.

Rose Queen.

Lavender Gem.

Violet Queen

Each of the above, pkt. 10c., special pkt. 40c.

Mixture of above separate colors, pkt. 10c., special pkt. 35c., oz. \$1.25.



Zinnia, Dahlia-flowered

Double Lilliput, or Pompon (Improved Strain)

A very compact type, not over 15 inches high, producing a profusion of very double flowers on long stems, held well above the foliage. As a cut flower are particularly desirable for table decoration.

Canary Yellow

Crimson Gem

Golden Gem

Purple

Salmon Rose

Each, above colors, pkt. 10c., special pkt. 40c.

Mixture of above colors, pkt. 10c., special pkt. 35c., oz. \$1.00.

Pastel Mixture. Delicate pastel shades. Pkt. 15c.



Zinnia, Harmony Type

Haageana, Mexican Hybrids

These small-flowered Zinnias have a charm all their own and make a brilliant display. The mixture contains many attractive colors and combinations. Pkt. 10c., special pkt. 35c.



Zinnia, Lilliput

Harmony Type (Scabious-flowered)

Among the oddest and most attractive Zinnia forms developed. The flowers bear a remarkable resemblance to the annual Scabiosa. Plants free flowering, growing 2 to 2½ feet high. Pkt.

Campfire. Vivid scarlet... \$0.25

Sunburst. Canary yellow... 15

Autumn Tints. Bronze shades..... 15

Finest Mixed. Pkts. 15c. and .35

Curled and Crested

Petals beautifully curled and twisted. Pkt. 10c., special pkt. 25c.

Gaillardia Flowered (Navajo)

Flowers resemble a Picta Double Gaillardia, in both form and colorings. Mixed colors. Pkts. 10c. and 35c.

Picotee Mixed

Large, double fringed flowers with contrasting edge to petals. Pkt. 10c., special pkt. 50c., oz. \$1.50.

Linearis

Orange, dwarf, compact, early flowering, single; flowers orange, light yellow stripe, dark center. Pkt. 15c. and 35c.

The Best Vegetable Seeds

All vegetable seeds except those otherwise mentioned, are put up in 10-cent packages. We send free by mail all vegetable seeds in packages, ounces and one-fourth pounds; larger quantities, add postage according to Parcel Post zone rates.



Asparagus, Washington

Success with seeds depends largely upon weather conditions and proper care, so in accordance with the universal custom of the seed trade, I give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any Seeds, Bulbs or Plants I sell, and will not be in any way responsible for the crop.

WILLIS S. PINO.

Artichoke

Green Globe. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c.

Asparagus

One ounce to 40 feet
of drill

Sow the seed in Spring in drills 15 inches apart, the following Spring transplant to permanent beds. Plant for private use in rows 6 inches apart and allow 12 inches in the rows, covering the roots 6 inches. For market on a large scale, set 4 by 2 feet.

Palmetto. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Mary Washington. A rust-resisting variety. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Asparagus Roots

Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust resisting variety. So much better you can see the difference. Extra two year old roots \$1.50 per 100; \$11.00 per 1000. Asparagus Knives, 35c. each.

Beans—Dwarf or Bush

One pound to 50 feet of drill

For succession, Bush Beans should be planted at intervals of two weeks from May until August. Make drills 2 feet apart and 2 inches deep.

Stringless Green Pod. Extra early, stringless, round pod. Very prolific and excellent quality. $\frac{1}{2}$ lb. 20c., lb. 30c.

Black Valentine. Round, straight, good quality. $\frac{1}{2}$ lb. 20c., lb. 30c.

Early Bountiful. A stringless flat pod variety of excellent quality. $\frac{1}{2}$ lb. 20c., lb. 30c.

Dwarf Horticultural. An excellent shell Bean. $\frac{1}{2}$ lb. 20c., lb. 30c.

Low's Champion. Recommendable as a string or shell Bean. $\frac{1}{2}$ lb. 20c., lb. 30c.

Improved Golden Wax. A favorite among yellow podded varieties; pods flat. $\frac{1}{2}$ lb. 20c., lb. 30c.

Round Pod Kidney Wax. Of the finest quality; entirely stringless. $\frac{1}{2}$ lb. 20c., lb. 30c.

Pencil Pod Black Wax. Pods round, bright yellow and entirely stringless. $\frac{1}{2}$ lb. 20c., lb. 30c.

Davis White Kidney Wax. A flat-podded Wax Bean, 6 to 7 in. long. Makes an excellent shell bean. $\frac{1}{2}$ lb. 20c., lb. 30c.

Sure Crop Wax. An absolutely stringless Wax Bean, pods 6 to 7 in. long and flat. The eating quality is perfect and is also disease-resisting. $\frac{1}{2}$ lb. 20c., lb. 30c.

Fordhook Bush Lima. Very productive and of excellent quality. $\frac{1}{2}$ lb. 20c., lb. 35c.

Henderson's Bush Lima. Early, small bean. $\frac{1}{2}$ lb. 20c., lb. 35c.

English Broad Windsor. The standard English Bean. $\frac{1}{2}$ lb. 20c., lb. 35c.

Field Beans

Red Kidney,
Yellow Eye.

$\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Pole, or Running Beans

One pound to
75 hills

The planting of Pole Beans should be delayed a week or more after the planting of the early dwarf sorts. Make hills about 3 feet apart and 1 to 2 inches deep and plant five to six seeds in each hill; thin to three plants in each hill when well established. Limas should not be planted until weather becomes warm and settled. Flat beans should be placed in the soil edgewise, eye down.

Mammoth Horticultural Pole. A very prolific shell Bean. $\frac{1}{2}$ lb. 20c., lb. 35c.

Kentucky Wonder. An excellent variety, entirely stringless, round pod. $\frac{1}{2}$ lb. 20c., lb. 30c.

Kentucky Wonder Wax. Pods very long, fleshy, stringless, light yellow. $\frac{1}{2}$ lb. 20c., lb. 30c.

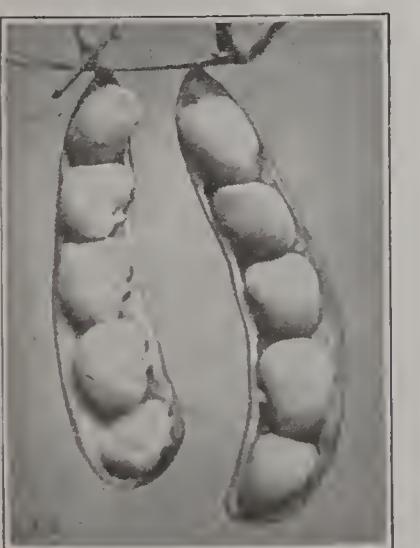
Scarlet Runner. Highly ornamental; also used as a table Bean. $\frac{1}{2}$ lb. 20c., lb. 35c.

Large White Lima (Extra Size). The standard Pole Lima. Quality excellent. $\frac{1}{2}$ lb. 20c., lb. 35c.

Sieve, or Small Lima. An excellent Bean, earlier and more hardy than large Limas. $\frac{1}{2}$ lb. 20c., lb. 35c.

Yard Long. A very curious sort, producing pods 2 ft. or more in length, the thickness of a lead pencil. Pkt. 10c., lb. 50c.

Beans, Bountiful



Beans, Fordhook Bush Lima

Beets

One ounce to 50 feet of drill; 5 to 6 pounds per acre

Sow early as ground can be worked in the Spring and for succession follow every two weeks until July. For main crop sow last of May. Light, sandy loam well enriched with stable manure is best adapted and should be plowed and harrowed until very fine. Make drills 1 foot apart and when well up thin to 4 or 5 inches in the row.

Extra Early Egyptian. A very early flat blood-red sort. Popular for first planting and forcing. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Early Wonder. Top-shaped roots, of uniform color. Very early and good quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Crosby's Egyptian. An improved strain of Egyptian Beet. Rich dark red, crisp and tender. An excellent early sort. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Detroit Dark Red. (Improved strain). Very tender and sweet; skin dark blood-red; flesh bright red; fine round shape. Excellent for main crop. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Crosby's Beet

Swiss Chard, or Spinach Beets

Giant Lucullus. Extra large, crumpled or Savoy-leaved. Leaves used as greens. cooked in same manner as Spinach and the large ribs are prepared like Asparagus. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Large White. Similar to above, plain-leaved. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Swiss Chard

Sugar Beets and Mangel-Wurzels

Sow in May or June; 5 to 8 pounds per acre

Used for stock and chicken feed. Sow in rows 3 ft. apart in May or June, thin out to 6 in. apart and keep well cultivated.

Norbiton's Giant. A long red variety, adapted to deep soil. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Golden Tankard. A yellow variety, formed mostly above ground; easily pulled. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Half Sugar Mangel. Flesh, pure white, firm and very sweet. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Vilmorin's White Sugar. The best Sugar Beet for stock feeding. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 75c.

Borecole, or Kale

One ounce will produce about 3000 plants

Sow in beds early in Spring and transplant in June treating in same manner as Cabbage.

Dwarf Green Curled Scotch. Very dwarf and spreading, the best variety. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Tall Green Curled Scotch. An upright variety 3 ft. tall with narrow, fine curled leaves. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Broccoli

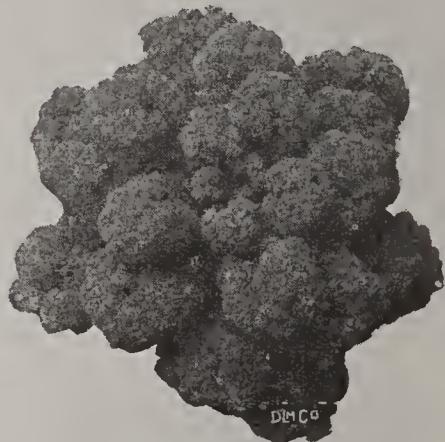
Broccoli

One ounce will produce about 3000 plants

Closely resembles Cauliflower but is more hardy and sure heading. Sow seed in May and plant out in June in rows 2 feet apart each way.

White Cape. Heads creamy-white and of large size. Pkt. 10c., oz. 50c.

Early Green Calabrese. This variety is much sought by the Italian trade. Forms a fair size green head; after this is cut from the main stalk new sprouts develop, forming new heads of a loose nature. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.



Borecole, or Kale

Brussels Sprouts

One ounce will produce about 3000 plants

The seed should be sown about the middle of May in a seed bed and plants afterwards set in rows 2 feet or more apart and cultivated like Cabbage. This vegetable does not require extremely high cultivation. It is for use late in Autumn after early frosts.

Dwarf Improved. Compact in growth and of excellent quality. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.



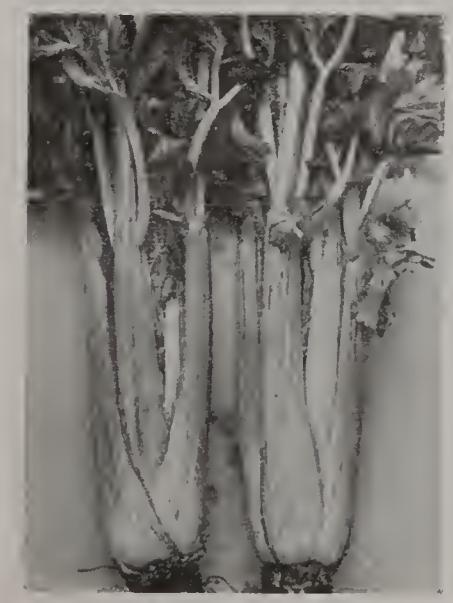
Carrots, Danvers Half-Long



Cabbage, Flat Dutch



Cauliflower, Snowball



Celery, White Plume

Carrots One ounce to 100 feet of drill, four pounds per acre

For early crop sow as soon as the ground can be worked; they may be sown as late as the middle of June. The drills should be 1 inch deep and 1 foot apart, thinning out to 3 or 4 inches between the plants. Carrots do best in a deeply tilled sandy loam.

Early Scarlet Horn. A favorite sort; for early Summer use. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Early French Forcing. The earliest variety grown; small, tender. Fine quality. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Danvers Half-Long. The best sort for general use. Rich, deep orange color; excellent quality; roots taper to a point. A very heavy cropper. (Select stock.) Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Imperator. Roots 7 to 8 in. long, slightly tapering, of a deep orange color. Very tender and sweet. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Improved Long Orange. Large variety; used for main crop. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Guerande, or Ox Heart. Stump-rooted; one of the most valuable varieties either for family use or market; fine flavor and color; very productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Chantenay. A stump-rooted variety having a large shoulder; very productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Cabbage One ounce will produce about 1500 plants

For early use sow the seed in hotbeds in February or March, or may be sown about the middle of September, and the plants wintered over in coldframes. Transplant in Spring as soon as ground can be worked, in rows 2 feet apart, the plants 18 inches apart in the rows. For late or Winter use, sow seed in May; set out the plants in July; $2\frac{1}{2}$ by 3 feet.

Our Cabbage seeds are all the best American grown

Early Jersey Wakefield. The best early sort. Medium size, pyramidal shape with rounded peak. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Golden Acre. Early, solid, uniform heads, medium size with few outer leaves allowing close planting. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Copenhagen Market. A round headed sort, early as Wakefield. A standard variety. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Hollander, or Danish Ball Head. Excellent Winter sort, heads very solid. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Premium Flat Dutch. Main crop variety. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

American Drumhead Savoy Improved. The finest Savoy variety, finely curled, large and solid. Pkt. 10c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Mammoth Rock Red. Large size, very solid. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Pe-Tsai, Chinese or Celery Cabbage. Sown in open ground in July, produces heads resembling Cos Lettuce. Used as a salad or cooked like ordinary Cabbage but must be cooked quickly. Pkt. 10c., oz. 40c.

Cauliflower

Cultivate as directed for Cabbage. In dry weather water liberally. Cauliflower likes a cool, moist situation.

Early Snowball. A very popular early variety; for family use or market gardeners. Dwarf in habit with short, outer leaves, allowing close planting. Heads white and of finest quality. Pkt. 25c., $\frac{1}{4}$ oz. 65c., $\frac{1}{2}$ oz. \$1.10, oz. \$2.00.

Celery One ounce will produce about 1500 plants

Seed may be sown in the open ground in April. Sow about $\frac{1}{2}$ inch deep and firmly press the soil over the seed. After the seed is up, keep carefully clear of weeds until the time of planting, in June or July. After the ground has been well prepared, plant in rows from 3 to 4 feet apart, according to variety, setting the plants about 6 inches apart and pressing the soil firmly about the roots. The soil best suited for Celery is a rich, moist loam.

White Plume. Excellent for early use; naturally white, requires little blanching. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.25.

Golden Self-Blanching. True French grown stock. Similar to the above except that the stalks are a beautiful golden yellow, and much better quality. Easily blanched by placing boards along each side of rows or may be banked with earth. Pkt. 10c., oz. 75c., $\frac{1}{4}$ lb. \$2.50.

Wonderful or Golden Plume. Early and very desirable for home or market garden. Easily blanched. Pkt. 15c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Boston Market. A dwarf branching variety. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Giant Pascal. An excellent late sort, easily blanched and a good keeper. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Celeriac, or Turnip-rooted. Grown exclusively for the roots. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.50.

Chervil

Curled Chervil. An aromatic sweet herb. The young leaves are used in soups and salads. Sow thinly in May in drills $\frac{1}{2}$ in. deep. 1 ft. apart. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Chicory

Italian (Cicoria Cataloga). Sometimes called Asparagus. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c.

Large-rooted. The young leaves may be used as a Spring salad. Dried and prepared roots are used as a substitute for coffee. Sow early in Spring in drills 2 feet apart, thinning to 6 in. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Witloof (French Endive). The leaves and leaf stems are blanched and used as a salad. Sow seed in open ground in May in rows 18 in. apart. Thin plants to 6 in. in row. In Fall roots should be lifted and leaves trimmed $1\frac{1}{2}$ in. from crown, remove side shoots and trim roots to about 9 in. Roots are then placed upright in trench 18 in. deep and 2 in. apart, fill trench with fine rich soil. A mulch of manure will hasten growth. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c.

Sweet Corn

One pound to 150 hills;
twelve pounds per acre.

Plant in hills 3 feet apart each way and five to six kernels in a hill. Hoe often and draw soil up to the stem. Make ground rich with well rotted manure. For succession plantings should be made at intervals from May to July.

HYBRID SWEET CORN

Golden Cross Bantam (78 days). Produces ears about 8 in. long. Stalks $6\frac{1}{2}$ to 7 ft. high, sturdy and productive and less susceptible to Stewart's disease. $\frac{1}{2}$ lb. 25c., lb. 40c., 2 lbs. 75c.

Marcross (60 days). An extra early yellow Hybrid that is strongly resistant to bacterial disease. $\frac{1}{2}$ lb. 25c., lb. 40c., 2 lbs. 75c.

De Lue's Golden Giant. A yellow Corn like Golden Bantam, having ears almost twice as large and several days earlier. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Golden Bantam. Extremely hardy, allowing earlier planting than other varieties. Superior rich flavor. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.



Witloof Chicory



Corn, Golden Bantam

Corn Salad, or Fetticus

Used as a salad. Is sown in early Spring in rows a foot apart and is fit for use in six or eight weeks from sowing. Large-leaved. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.50.

Cucumbers

One ounce to 50 hills;
2 pounds per acre.

Cucumbers succeed best in warm, rich, sandy loam. Plant when all danger of frost is past, in hills about 4 feet apart each way; the hills should be previously prepared by mixing thoroughly with the soil of each a shovelful of well-rotted manure; sow for pickling from the middle of June to the middle of July.

Improved White Spine. Thick, straight smooth, shiny dark green; a general favorite for market or home. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Early Russian. The earliest in cultivation; small and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Boston Pickling. True stock; the best variety for pickling. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Davis' Perfect. Long, slender, rich dark green. Superb quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Improved Long Green. 10 to 12 in. in length; dark green. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Japanese Climber. Can be grown either as an ordinary ridge Cucumber or as a climber. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

Whipple's Early. Few days earlier than Golden Bantam, ears 7 to 8 in. long, 12 to 16-rowed; grows quite tall. Excellent quality. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Golden Colonel. A late variety being a cross of Country Gentleman and Golden Bantam, retaining the flavor of Bantam and the size and kernel of Country Gentleman. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Stowell's Evergreen. One of the most popular varieties for main crop. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Black Mexican. Very sweet and superior quality. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Country Gentleman. The sweetest and most tender of all varieties. $\frac{1}{2}$ lb. 20c., lb. 30c., 2 lbs. 50c.

Cress, or Peppergrass

A well-known pungent salad; cover very slightly; sow at frequent intervals to keep up a succession; to be used before the flowers appear.

Extra Curled. Very fine; may be cut two or three times. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c.

Watercress. Hardy perennial aquatic plant. Pkt. 10c., oz. 40c.



Cucumber Improved White Spine

Dandelion

One ounce will sow 100 feet of drill; 2 pounds to one acre

Sow in May or June in drills a foot apart, press the earth firmly over the seed, cultivate during Summer, cover lightly with straw during Winter and the following Spring the leaves will be fit to cut.

Improved Broad-leaved. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.



Eggplant, Black Beauty



Endive, Broad-leaved



Kohlrabi, White Vienna



Lettuce, Wayahead

Eggplant

One ounce will produce about 1000 plants

The seed should be sown in hotbeds the first week in April. Plant out about June 1st, about $2\frac{1}{2}$ feet apart. The Eggplant will thrive well in any good garden soil.

Black Beauty. Remarkably healthy growth and large fruit. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c.

Endive

One ounce will sow 150 feet of drill

For an early supply sow about May 1st. Used mainly in Fall, the main sowings are made in June and July in rows $1\frac{1}{2}$ feet apart covering seed firmly with $\frac{1}{2}$ inch of soil, thin to 8 or 12 inches apart. When grown tie to blanch.

Green Curled. Hardy, leaves dark green, tender. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.25.

Batavian Broad-leaved. Leaves long and broad, chiefly used in soups. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Kohlrabi

The seeds of this plant may be sown at the same period as the Swedish or Rutabaga Turnip, and may be cultivated in the same way, remembering to leave the chief part of the stems uncovered by the earth. The bulbs may be kept sound and nutritious until late in the Spring, even later than those of Turnips.

Early White Vienna. An early variety having few leaves. Bulbs smooth, white, medium size. Ready for use in about 10 weeks. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Early Purple Vienna. Later than the White. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Leek

One ounce will sow 100 feet of drill

The Leek is very hardy and easily cultivated. Sow in April in drills 1 foot apart and transplant in July into rows 15 inches apart and 6 inches in the rows. The soil should be rich but not freshly manured. The Leek is a member of the Onion family and the method of cultivation is like the Onion except that it should be grown deeper in the ground.

Musselburgh. Grows to very large size. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Lettuce

One ounce will sow 100 square feet or 120 feet of drill

The earliest sowing may be made in February or March under glass, with slight heat. For later supplies, sow in the open ground, as the season will permit, thin out well and set in rows 2 feet apart and a foot between the plants. Lettuce requires good ground and abundant moisture.

Wayahead. Very early and close heading, large size and superior quality. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Iceberg. See New York.

Improved Salamander. Withstands hot weather remarkably well. Plants large, compact. Leaves large, broad; overlapping, with heart well blanched. One of the best for Summer planting. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Big Boston. Fine for coldframes or out-of-doors. Head large and solid. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Crisp as Ice. Bronze head, medium-sized, compact heading variety. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Curled Silesia. A favorite curly or loose-leaved sort for the home garden. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 60c.

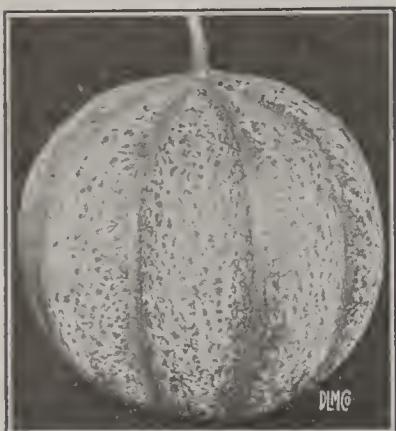
New York, No. 12. Also called Los Angeles and Wonderful. Large, compact head with frilled edge, dark green leaves. Pkt. 10c. oz. 25c., $\frac{1}{4}$ lb. 75c.

Self-Folding Cos, or Romaine. Should be sown early and tied up to blanch; long leaved, crisp and tender. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

White Boston. Heads medium size, with tightly folded heart that blanch bright creamy yellow. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.



Leek, Musselburgh



Muskmelon, Tip Top



Okra

Onions One ounce will sow 100 feet of drill;
6 lbs. per acre

A rather, strong, deep, rich, loamy soil is considered most suitable for Onion culture. Prepare ground the previous Autumn by plowing or spading deeply and applying a heavy coat of well rotted barnyard manure. Sow seed early in Spring in shallow drills 1 foot apart, covering with fine soil, and press down by the use of a light roller or the back of a spade. Thin plants to 4 inches and keep free from weeds.

Yellow Globe Danvers. True Buxton type. Standard sort, deep, globe-shape, large size, mild flavor and a good keeper. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Large Red Wethersfield. One of the most productive and longest keeping sorts. Large size, flat, purplish red color. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Southport White Globe. Large, globe-shape, mild flavor and firm; a good keeper. Always commands a high price in market. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Prizetaker. Globe-shape, very large size, extremely mild flavored; is most satisfactory when sown early in hotbed and transplanted. Pkt. 10c., $\frac{1}{2}$ oz. 20c., oz. 30c., $\frac{1}{4}$ lb. \$1.00.

Onion Sets (Prices variable)

Lb. 5 lbs.

White Sets.....\$0.25 \$1.00

Lb. 5 lbs.

Yellow Sets.....\$0.25 \$1.00



Onion, Yellow Globe Danvers

Mustard One ounce to 80 feet of drill

Sow in shallow drills a foot apart, covering the seeds about a half inch deep. For succession sow every few weeks. The young leaves are used for salad or are cut and boiled like Spinach and the seeds are used for flavoring.

Fordhook Fancy. Leaves dark green, curved outward like a fine ostrich plume.

Stands well even in hot weather. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 45c.
White. Desirable for salads or culinary purposes. Pkt. 5c., oz. 10c., $\frac{1}{4}$ lb. 20c.,
lb. 50c.

Muskmelon

One ounce to 80 hills; 2 to 3 pounds per acre

Prepare hills 4 to 5 feet apart each way; mix well with the soil in each hill a couple of shovelfuls of thoroughly rotted manure. When the weather has become warm, plant from 12 to 15 seeds in each hill; afterward thin out, leaving four good plants.

Bender's Surprise. Vigorous growth, disease-resisting. Melons nearly round, flesh rich orange color and remarkably spicy flavor. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Delicious. Similar to Bender's Surprise, but much earlier. Fruits oval, flesh bright salmon; of delicious quality. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Emerald Gem. Early. Small, flesh deep orange, very sweet, the best and most popular sort for this section. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Hale's Best. Fruits oval and heavily netted. Thick, solid, deep salmon flesh. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Tip Top. Medium size, round, yellow flesh. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Lake Champlain. Probably the earliest of the salmon flesh Melons. Very sweet and tempting, medium size. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.75.

Miller's Cream. Skin very thin, dark green; flesh salmon and excellent flavor. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

WatermelonOne ounce to 30 hills;
4 to 5 pounds per acre

Plant in hills as for Muskmelons, treat in all respects the same except that the hills should be about 8 ft. apart. Price all varieties, pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Cole's Early. Medium size, flesh bright red, excellent.

Kleckley's Sweet. Vines vigorous, productive; flesh bright red, exceedingly sweet.

King and Queen. A fine melon for this section. Fruits round with scarlet flesh.

Stone Mountain. A large Melon, nearly round, dark green rind. Sweet scarlet flesh with few seeds.

Citron. For preserves only.

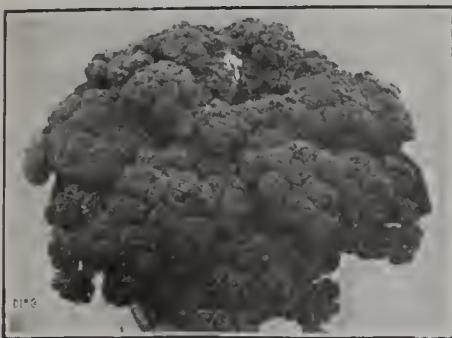
Okra, or GumboOne ounce
to 75 hills

Sow early in May in drills 2 in. deep, setting the plants from 2 to 3 ft. apart.

Dwarf Green. The best variety for general cultivation. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Perkins' Mammoth Long-podded. About 3 ft. high; very early and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

White Velvet. About 3½ ft. high, early and productive. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.



Parsley, Champion Moss Curled



Parsnip, Hollow Crown



Pepper, Ruby King

Peppers

One ounce will produce
about 2000 plants

Sow the seed in March or April in a hotbed and transplant to open ground as soon as the weather is quite warm, in rows about 20 inches apart and 15 inches apart in the row. A warm, sandy loam is best.

Harris Early Giant. The best very early sweet Pepper for home or market garden. Plants vigorous, erect, extremely prolific; fruit large, $4\frac{1}{2}$ in. long and $3\frac{1}{2}$ in. through. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

California Wonder. Plant thrifty, upright, fruits over a long period, in size $4\frac{1}{2}$ in. long and $3\frac{1}{2}$ to 4 in. through; extremely thick flesh. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

Large Bell. A standard sort, large size, moderately pungent. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.25.

Ruby King. Very mild, fruits 4 to 6 in. long; excellent for stuffing; a very popular sort. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.25.

Long Red Cayenne. Bright red, slender pods, very pungent. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c.

Windsor A. An extra early variety, desirable for the North. Flesh very thick and sweet. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

World Beater. A popular early, very large-fruited, thick-fleshed, mildly flavored sort. Plants upright, $2\frac{1}{2}$ to 3 ft. high. Fruit deep green, turning to deep crimson when mature. Pkt. 10c., $\frac{1}{2}$ oz. 25c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Pimiento. Very sweet and tasty. Fine for stuffing. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

Parsley

One ounce will sow
150 feet of drill

Sow thickly in drills a foot apart and half an inch deep early in the Spring, having soaked seed in tepid water a few hours

Champion Moss Curled. Fine and unsurpassed for garnishing. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Evergreen (New). Strong growing Parsley with dark green foliage. Very uniform. Pkt. 15c., oz. 30c.

Paramount. Triple curled and very uniform. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Plain-leaved. Excellent flavor. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Hamburg-rooted. Fleshy vegetable root for soups, etc. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Parsnip

One ounce will sow 200
feet of drill; 5 lbs.
per acre

Sow as early as possible in drills $2\frac{1}{2}$ feet apart and half an inch deep, and press the soil firmly over the seed; succeeds best in rich, sandy loam, deeply tilled and avoid fresh manure.

Hollow Crown, or Long Smooth. The standard sort for general use. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Peas

One pound will plant about 75 feet of drill;
75 pounds per acre

Plant the extra early smooth varieties as soon as the ground can be worked, and the wrinkled sorts soon as the ground becomes warm. Make rows for dwarf varieties $2\frac{1}{2}$ feet apart and for tall sorts 3 feet apart.

Laxton's Progress. An improvement over Laxtonian; height 18 in., dark green pods averaging 9 peas to the pod. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Laxtonian. A large-podded sort resembling the Gradus though more dwarf and a little earlier. Vines vigorous, growing about 18 in. high, well covered with large, pointed pods, averaging 8 or 9 to the vine, and 9 to 10 peas in a pod. Most excellent quality. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Gradus. Variety rivaling the First Earlies; produces pods and peas equal to large, marrow sorts. Unexcelled in quality and flavor. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Thomas Laxton. Resembles the Gradus in size of pod, but darker color. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Hundredfold. Prolific, large podded dwarf variety for home or market garden; 18 in. vine, pods dark green, 4 in. long. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

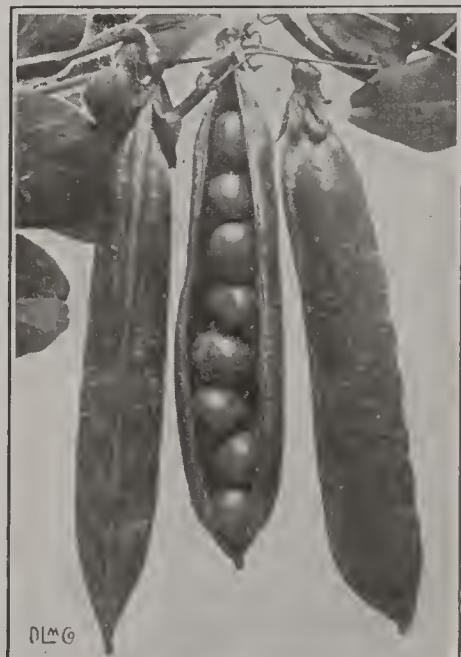
New York Market. Very early and productive. A general favorite among market gardeners; robust in growth. height $2\frac{1}{2}$ ft. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Alaska, or Earliest of All. The earliest Pea in cultivation, matures nearly its entire crop at one picking; height $2\frac{1}{2}$ ft. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

American Wonder. One of the earliest wrinkled Peas, dwarf and robust in growth, pods long and well filled; height 10 to 12 in. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Nott's Excelsior. An excellent dwarf wrinkled Pea, robust, vigorous. Peas and pods large. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.

Telephone. A very popular variety, height $3\frac{1}{2}$ ft. Pods 5 to 7 in. long containing 8 to 12 peas of unequalled flavor. $\frac{1}{2}$ lb. 20c., lb. 30c., 5 lbs. \$1.25.



Peas, Telephone

Pumpkins

Pumpkins are usually planted in fields of Corn or Potatoes, but may be profitably raised in fields by themselves. Sow first of May in hills 8 feet apart.

Yellow Sugar. Very sweet; an excellent table sort. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Connecticut Field. For feeding stock. Oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

Large Cheese, Flat. One of the best varieties for family use. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Mammoth. Grows to immense size. Pkt. 10c., oz. 25c.



Pumpkin, Yellow Sugar

Radishes

One ounce will sow
100 feet of drill

Radishes require a light, rich, sandy soil. For an early supply sow in a hotbed in February, care being taken to give plenty of ventilation. For a successive supply sow from the middle of March until September, at intervals of two or three weeks.

Early Scarlet Globe. For forcing in greenhouses, hotbeds and coldframes or open ground sowing, this is one of the very best globe-shaped, fine scarlet color, crisp, mild and tender. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

French Breakfast. Olive-shaped, bright scarlet, white tipped. A favorite sort. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Long Scarlet, Short Top. Long, smooth, crisp and tender. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Scarlet Turnip, White Tipped. Very early, excellent quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

White Giant Stuttgart. Top-shape, white skin and flesh; Summer variety, but does not become pithy and can be sorted for Winter. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Long Black Spanish. An excellent Winter sort. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

Round Black Spanish. A Winter variety. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.

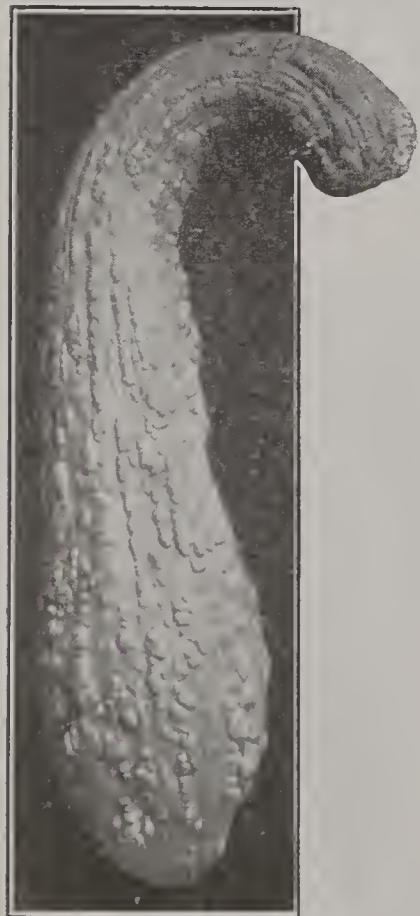
Icicle. Long, white, rapid growing. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. \$1.00.



Radish, Early Scarlet Globe



Squash, Hubbard



Crookneck Squash

Rhubarb

Rhubarb Roots. Two year seedlings, much stronger than divisions. Each 25c., doz. \$2.50.

Spinach

One ounce to 100
feet of drill

For Summer use sow early in March in drills 15 inches apart, and for succession at intervals of a fortnight. For Winter use, sow late in August. The soil should be heavily manured and deeply trenched.

Giant Thick-leaved. A strong-growing, early market variety; large, thick leaves, deep green color. The best for Spring or Fall sowing. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 50c.

Bloomsdale. Savoy-leaved, very early and one of the best for Fall or early Spring planting; leaves dark green, medium size and crumpled, much like the Savoy cabbage. Oz. 10c., $\frac{1}{4}$ lb. 25c., lb. 50c.

Squash

Bush sorts, one ounce to 50 hills; 6 pounds per acre
Running sorts, one ounce to 16 hills, 4 pounds per acre

The Squash is a very tender vegetable, sensitive to cold, and cannot in our climate be planted before the middle of May. Plant in rich soil, in hills prepared similar to those for Cucumbers. All sorts, thinned to not over three plants to a hill.

Early Prolific Straight Neck (New). Plants small and compact; fruit lemon-yellow in color and smooth. Very prolific. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.

Giant Summer Crookneck. Larger than the ordinary Summer Crookneck. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Golden Summer Crookneck. Golden yellow fruit, early and prolific. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Straightneck. Like Crookneck, with straight neck, golden orange warty, fine quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

White Bush Scallop. Early; a good market sort. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Yellow Bush Scallop. Yellow, flat, scalloped edge. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Des Moines (Table Queen). Acorn-shaped fruit, distinctly ribbed skin; flesh light yellow and bakes well. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

New Zealand. Entirely distinct variety, produces a large quantity of leaves; for Summer use. Sow early in Spring. When cut branches out and makes new growth, producing until frost. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Essex Hybrid. A fine, tall variety. Turban type. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Golden Hubbard. Similar to the standard sort except in color. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Hubbard. The standard Winter Squash. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Symmes Blue Hubbard. Bluish green skin; golden orange flesh; very dry and excellent keeper. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c., lb. \$1.25.

Vegetable Marrow (English). Pale straw color, changing darker. White flesh. About 9 in. long. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

Cocozelle, Italian Vegetable Marrow. Mottled dark and light green, 12 to 20 in. long. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.25.

Zucchini. A Cocozelle type, fruit 13 to 14 in. long, dark green skin, thick meat. Pkt. 10c., oz. 20c., $\frac{1}{4}$ lb. 50c.



Spinach, Giant Thick-leaved



Tomato, Bonny Best

Break o'Day. Early, globe shaped, scarlet fruit, medium size, very productive. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Pritchard (Scarlet Topper). Wilt-resisting type of plant known as Self-topping. Midseason to late; globe shaped, deep scarlet; good home or market sort. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c., $\frac{1}{4}$ lb. \$1.75.

Tobacco One ounce will produce plants for one acre

Sow broadcast in hotbeds or open ground soon as it can be worked. Keep free from weeds, water freely. Set out June 1st 3 feet apart on highly manured ground.

Connecticut Seed Leaf. A hardy variety adapted to growing in northern states. Pkt. 10c., oz. 50c.

Havana. The leaf is very thin and fine texture. Pkt. 10c., oz. 50c.

Herbs Packages 10c.

	Oz.	Oz.	
Anise.....	\$0.15	Rosemary.....	\$0.50
Basil.....	.20	Rue.....	.35
Caraway.....	.10	Sage.....	.30
Coriander.....	.15	Savory, Summer....	.30
Dill.....	.15	Thyme.....	.40
Florence Fennel....	.25	Tarragon.....	1.00
Lavender.....	.50	Sorrel.....	.25
Sweet Marjoram....	.30		

Salsify, or Oyster Plant One ounce to 50 feet of drill

The Salsify has a long white, tapering root, resembling a small Parsnip; when properly cooked it has the flavor of an oyster, and is a good substitute. Sow early in drills 15 inches apart; cover the seeds an inch and a half deep in light, well enriched soil, worked to a good depth, avoiding coarse and fresh manure. Roots are hardy and improved by frost.

Sandwich Island. Grows to a large size; very mild flavor. Pkt. 10c., oz. 25c., $\frac{1}{4}$ lb. 75c.

Tomatoes One ounce will produce about 2000 plants

The seed should be sown in a hotbed about the first week in March, in drills 5 inches apart and half an inch deep. When the plants are about 2 inches high, set out in boxes, 3 inches deep, 4 inches apart, in another hotbed, or pot singly. If transplanted a second time will be stocky and branching. When the weather has become mild, transplant into warm, light, rich soil 4 feet apart.

John Baer. Few days later than Earliana. More uniform, attractive and productive. The most profitable extra early variety. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Bonny Best. Almost as early as John Baer. Smooth, uniform fruit, bearing well until frost. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Acme. Very early, smooth, color purplish pink. Pkt. 10c., oz. 40c., $\frac{1}{4}$ lb. \$1.25.

Dwarf Champion. A distinct variety; robust, short jointed; fruit early, medium size, crimson color. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Dwarf Stone. Large-fruited dwarf sort. Color bright scarlet. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Stone. A remarkable main crop variety; robust, solid and very little seed capacity; very productive; quality unexcelled. Pkt. 10c., oz. 35c., $\frac{1}{4}$ lb. \$1.00.

Stokesdale. Recommended for those who wish a large and very solid Tomato, ripening a week ahead of Marglobe. Color a brilliant red. Pkt. 15c., $\frac{1}{2}$ oz. 40c., oz. 75c.

Ponderosa. The largest variety in cultivation. Pkt. 10c., oz. 60c., $\frac{1}{4}$ lb. \$2.00.

Golden Queen. A large, smooth, yellow variety. Pkt. 10c., oz. 50c.

Strawberry (Husk). A favorite preserving sort. Pkt. 10c., oz. 40c.

Yellow Plum, Red Plum, Red Peach. Pkt. 10c., oz. 50c.

Marglobe. One of the best, all purpose varieties. Globe shape, free from wilt and nail head rust; uniform, deep scarlet, smooth and solid. Pkt. 10c., oz. 50c., $\frac{1}{4}$ lb. \$1.50.

Oxheart. Late, large fruited variety, distinct in appearance and its oxheart shape. Mild, acid and pleasing flavor. Pkt. 10c., $\frac{1}{2}$ oz. 35c., oz. 60c.

Rutgers. Developed at the New Jersey Agricultural Experiment Station. Medium size fruit, similar to Marglobe in shape, but more flattened at the stem end. Color a fine red. Pkt. 10c., $\frac{1}{2}$ oz. 30c., oz. 50c.

Vegetable Roots and Plants

Asparagus, Mary Washington. The earliest and produces more and larger stalks than other strains; the highest rust-resisting variety; so much better you can see the difference. Extra, 2-yr.-old roots. Doz. 35c., 100 for \$1.50, 1000 for \$12.00.

Rhubarb Roots, Victoria. Two year old seedlings. Much stronger than divisions. Each 25c., doz. \$2.50.

Horseradish, Maliner Kren. Strong cuttings. Doz. 35c., \$2.00 per 100.

Cabbage, Celery, Lettuce. Doz. 25c., \$1.50 per 100.

Cauliflower, Pepper, Tomato. Doz. 25c., \$1.50 per 100.

Eggplant. Doz. 50c.

Sweet Potato Plants. Early in June. \$1.00 per 100.

Turnips

One ounce will sow 150 feet of drill; one pound per acre in drills, 2 to 3 pounds broadcast

For Summer use, sow early in the Spring in drills and thin out to 8 inches. For Fall and Winter, sow from July to September. Rutabagas should be sown in June or early in July, in drills 18 inches apart; thin out when large enough, 6 to 9 inches apart in drill, according to size.

Extra Early Purple Top Milan. The earliest Turnip. White, flat, medium size. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c.

Red Top Strap Leaf. A popular, quick-growing sort. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

White Egg. Rapid growth, pure white, egg-shaped, fine-grained. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

Golden Ball. Medium size and excellent quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

Budlong White Rock. Much smoother than the old type. White flesh, mild and sweet. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 35c., lb. 75c.

Macomber. A white rock variety earlier than Budlong and a favorite with many growers. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Improved American. Yellow flesh, excellent quality. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c., lb. \$1.00.

Shogoin, or Japanese. A foliage variety producing an abundance of leaves for greens and reproduces when cut. Free of insects; roots sweet and tender. Pkt. 10c., oz. 15c., $\frac{1}{4}$ lb. 40c.

SUMMER FLOWERING BULBS



Begonia



Lilium auratum

Ismene Calathina
(Peruvian Daffodil)

Tuberoses

In this latitude May 1st is ample time to plant in the open ground, but the bulbs can be started in pots much earlier if desired. Select a warm soil and a sunny spot. The soil should be rich, but no special preparation is necessary. Place the bulb so the top will be covered about 1 inch with soil.

Excelsior Pearl. Extra large, fine flowering bulbs. **Mammoth Bulbs.** Doz. \$1.00, 100 for \$7.50.

Begonias Tuberous Rooted

Begonias are indispensable for shady places in the garden or lawn, also desirable for pots or piazza boxes. Start in the house in March or April and remove to the open ground as soon as danger of frost is past. They will bloom freely from July until cut down by the frost. Dry tubers may also be planted in the open ground in May. Care should be taken to keep constantly moist.

Single Flowering. White, pink, yellow, salmon, scarlet, crimson. **Each 20c., doz. \$2.25.**

Double Flowering. White, pink, yellow, salmon, scarlet, crimson. **Each 20c., doz. \$2.25.**

Carnation-flowered (Double Frilled). Mixed colors only. **Each 20c., doz. \$2.25.**

Caladium

Esculentum. This is one of the most beautiful and striking of the ornamental foliage plants, for growing in pots, for planting on the lawn, or mass in beds. It is of the easiest culture in any good garden soil. **Dry bulbs, large size, each 30c., doz. \$3.00.**

Cannas Large Flowering

Eureka. By far the best white Canna. Has large showy trusses. Green foliage. **4½ ft. Each 15c., doz. \$1.50.**

Hungaria. A good variety, with beautiful clear rose flowers. Green foliage. **3 ft. Doz. \$1.25.**

King Humbert. Great massive trusses of brilliant orange-scarlet flowers. The finest bronze leaf Canna. **4½ ft. Doz. \$1.25.**

President. Superior to all other red varieties in quality and quantity of bloom. Large trusses of glowing scarlet flowers. Green foliage. **4 ft. Doz. \$1.25.**

Richard Wallace. Large flowering variety. A clear canary-yellow color. Green foliage. **4 ft. Doz. \$1.25.**

Yellow King Humbert. As vigorous as King Humbert with bright yellow blooms, dotted with bright red. Green foliage. **4½ ft. Doz. \$1.25.**

Hyacinths Candicans

(Summer Hyacinths)

White Summer-flowering Hyacinths. Height 3-5 ft., bearing 20 to 30 bell-shaped flowers. **Each 15c., doz. \$1.50.**

Ismene Calathina Peruvian Daffodil

A grand Summer-flowering bulb with large, Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place and plant out in June. Take up in October, rest a few weeks, and then pot for Winter flowering in the house. **Each 25c., doz. \$2.50.**

Lilies

Auratum (The Golden-rayed Lily of Japan). The flowers are pure white, thickly studded with crimson spots while through the center of each petal runs a clear golden band. **Mammoth Size Bulbs. Each 35c., doz. \$3.50.**

Rubrum. White ground with bands and spots of rose or crimson on each petal. One of the best Lilies. We have a splendid stock of this very hardy and beautiful kind. **Mammoth Size Bulbs. Each 35c., doz. \$3.50.**

Regale (Myriophyllum). White, fragrant flowers shaded pink outside, lower inner surface primrose yellow. Hardy, 3 to 5 ft. high. **Mammoth Size. Each 25c., doz. \$2.50.**

Montbretias

Mixed. Tall spikes resembling miniature Gladiolus. Attractive in beds or borders and ideal for cutting. **Doz. \$1.00.**

Tigridias

(Tiger or Shell Flower of Mexico)

Bloom from middle of July to September. One of the showiest of Summer-flowering bulbs. Large, wide open triangular blossoms often 4 to 6 inches across. Beautiful beds of yellow, scarlet and pink in combination. **Doz. \$1.25.**

DAHLIAS

Our Dahlias are all divisions of field grown roots of suitable planting size. Clean, healthy stock.

DECORATIVE	Each
Barbara Redfern. Old rose and gold, good keeper in fact, good in every way.....	\$0.25
Beauty Supreme (Blue Jersey). Lilac blue sport of Jersey's Beauty.....	.25
California Idol. Large pure yellow, very beautiful.	.75
Francis LaRocco. Beautiful canary yellow, a fine flower.....	.25
Jane Cowl. Deep massive blooms of bronzy buff and old gold, blending darker toward center. Wonderful exhibition flower.....	.25
Jersey's Beauty. The most popular variety for cut flowers. Beautiful pink in color, strong stem and excellent keeper.....	.25
Jersey's Beacon. Well formed flowers of great size and depth. Color Chinese scarlet.....	.25
J. K. Alexander, Jr. The largest crimson-red Hybrid Decorative ever offered, with a yellow fleck in the center. It is a giant.....	.35
Kentucky. Orange, salmon pink. Sport of Jersey's Beauty.....	.25
Kittie Dunlop. Carmine rose, large size, continuous bloomer.....	.25
Le Toreador. Brilliant red, very free bloomer.....	.25
Mrs. I. de Ver Warner. Produces a profusion of perfect flowers under all conditions. Refined, pleasing mauve-pink. Early and continuous bloomer.....	.25
Perfect Beauty. Scarlet and white; a wonderful cut flower.....	.25
Rockley Moon. This light lemon yellow Dahlia shades darker in the center. It is a sturdy grower, producing large blooms on strong stems.....	.35
Sagamore. Light saffron yellow with salmon tints. Medium size flowers, much prized for picking....	.25
Sampson. Immense deep blooms borne on strong stems. A beautiful combination of scarlet and gold.....	.25
White King. Giant white, one of the few desirable white varieties.....	.25



Decorative Dahlia

HYBRID CACTUS	Each
Countess of Lonsdale. Salmon apricot.....	\$0.35
Jersey's Dainty. Here we have a very lovely, pure white Cactus of good size that is the best we have seen in this class. Sometimes blooms are tinged with pink which adds to its beauty. Plants are very prolific. Stems and plant growth, perfect. A real beauty.....	.35
Kalif. Bright scarlet, good sized bloom. Free blooming, good keeper and fine stem.....	.35
Mrs. Edna Spencer. Beautiful shade of orchid lavender pink shading to white.....	.35

MINIATURE	
Bishop of Llandaff. A very charming variety. The bright scarlet flowers harmonize well with the deep bronze laciniated foliage.....	\$0.50
Baby Beauty. Miniature Jersey's Beauty, flowers 3 in. across on plants 2 ft. high.....	.50

40th ANNIVERSARY SPECIAL DAHLIA COLLECTION

6 GIANT DAHLIAS 75c.

One each of the Following

OLD GOLD, RED, YELLOW, WHITE,
TANGO, PINK.

2 Each (12 Roots) for..... \$1.35
25 Assorted for 2.50

SINGLE DAHLIAS	Each
Fuji San. Golden bronze with crimson disk.....	\$0.35
Ivory. Ivory white.....	.35
Newport Wonder. Salmon flushed rose pink.....	.35
Tango. Bright orange and gold, flushed red.....	.35
Union Jack. White and red.....	.35

POMPON
Being dwarf in growth they require little support. Desirable for permanent decoration or as a cut flower.
Cardinal. Fiery scarlet.
George Ireland. Dainty mauve pink.
Joe Fette. Pure white.
Jonkheer Von Clitters. Yellow, tipped orange.
Dandy. Deep shade of orange.
Little Herman. Red and white.
Yellow Gem. Best yellow.
Each 25c., doz. \$2.50

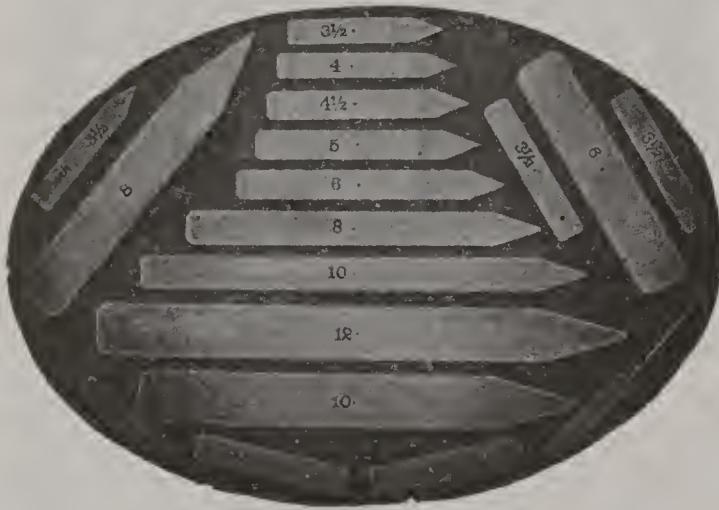
Watering Pots, Galvanized

Made from the best quality iron and galvanized after being made. The strongest watering pot made. The joints are brass. Two copper face roses go with each pot for fine and coarse watering.
6-qt. \$5.25, 8-qt. \$6.00, 10-qt. \$6.25,
12-qt. \$6.50

Watering Pot, French Pattern.
Same as above in quality, oval in shape with brass handle. 6-qt. \$6.00,
8-qt. \$6.25, 10-qt. \$6.75, 12-qt.
\$7.25. Extra Roses, 65c.

Watering Pots. Galvanized iron, short spout. 6-qt. 90c., 8-qt. \$1.00,
10-qt. \$1.15, 12-qt. \$1.25.

Watering Pots. Painted. For window gardening, with rose. Assorted colors, 2-qt. \$1.00.



Labels

WOODEN POT AND GARDEN

	100	1000
4-in. Pot Labels, Painted.....	\$0.30	\$2.35
4 1/2-in. Pot Labels, Painted.....	.30	2.50
5-in. Pot Labels, Painted.....	.35	2.75
6-in. Pot Labels, Painted.....	.40	3.25
8-in. Garden Labels, Painted.....	1.00	8.00
10-in. Garden Labels, Painted.....	1.25	10.00
12-in. Garden Labels, Painted.....	1.50	12.50
3 1/4-in. Copper Wired Treec, Painted.....	.35	3.00
Simplex Weatherproof, 3x 1/2 in.....	Doz. 35c.	2.50
Indestructo. Metal plant label.		
No. 1—3/4x3 3/4 in.....	1.50	....
No. 2—1 1/8x5 in.....	2.00	....

PERFECT GARDEN LABEL

The beautiful cool gray green color blends with the soil, foliage and rocks. An ordinary lead pencil is used for marking and previous markings can be readily erased. These labels are economical because they are permanent.

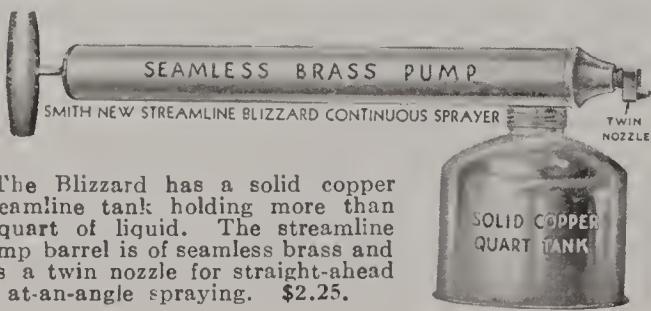
Rock Garden Label. 4 in. long, 1 1/4 in. marking space: 12 labels 90c., 25 labels \$1.75, 100 labels \$6.75.

Tie-On Label. 3 1/2 in. long, 3/4 in. wide with copper wire. 100 labels in box, \$3.00.

"TWIST-EMS"

THE NEW HANDY PLANT-TIE

"Twist-ems" are dark green strong tapes with wire reinforcing that makes perfect plant ties. No twine or raffia or shears needed. For annuals, perennials, shrubs, vines and vegetables; excellent for arranging flowers. For nurseries, estates or amateur gardeners. Box of 250, 4-in. size, 25c.; Box of 125, 8-in. size, 25c.

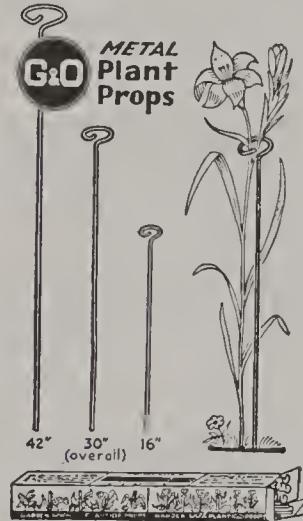


The Blizzard has a solid copper streamline tank holding more than a quart of liquid. The streamline pump barrel is of seamless brass and has a twin nozzle for straight-ahead or at-an-angle spraying. \$2.25.

Plant Stakes

PLANT STAKES—PAINTED GREEN—SQUARE

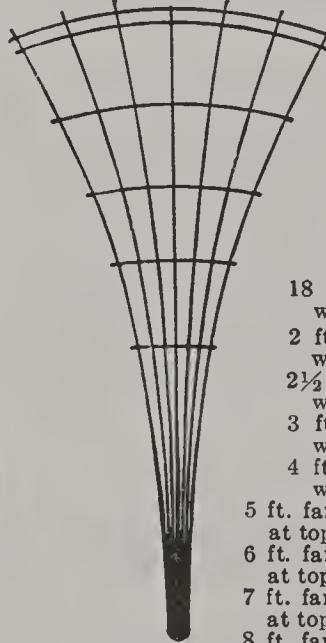
	Doz.	100
1 1/2 ft.....	\$0.30	\$1.75
2 ft.....	.40	2.25
2 1/2 ft.....	.50	2.75
3 ft.....	1.00	6.00
3 1/2 ft.....	1.25	7.25
4 ft.....	1.50	9.75
5 ft.....	2.00	14.00
6 ft.....	2.25	15.00
Cane Stakes, Green	Doz	100
1 1/2 ft.....	\$0.10	\$0.60
2 ft.....	.12	.75
2 1/2 ft.....	.15	.80
3 ft.....	.18	1.00
4 ft.....	.25	1.25



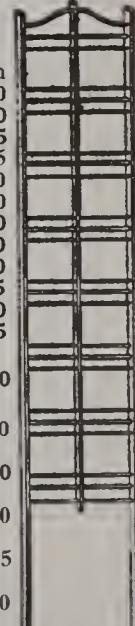
Eliminates wood stakes with their unkempt rag and string ties.
Termite and rot proof.
Can be saved from year to year.

	Doz.
16 in.....	\$0.40
30 in.....	.75
42 in.....	1.20

Plant Trellis



	Each
2 ft. Veranda.....	\$0.70
3 ft. Veranda.....	1.00
4 ft. Veranda.....	1.25
6 ft. 18 in. wide..	1.75
8 ft. 28 in. wide..	3.50
7 ft. 18 in. wide..	3.00
8 ft. 18 in. wide ..	3.50
8 ft. 28 in. wide ..	4.50
10 ft. 20 in. wide..	4.50
10 ft. 31 in. wide..	5.75
12 ft. 20 in. wide ..	5.00
12 ft. 36 in. wide ..	6.75
18 in. fan trellis, 6 in. wide at top.....	.30
2 ft. fan trellis, 10 in. wide at top.....	.40
2 1/2 ft. fan trellis, 13 in. wide at top.....	.60
3 ft. fan trellis, 16 in. wide at top.....	1.00
4 ft. fan trellis, 32 in. wide at top.....	1.35
5 ft. fan trellis, 32 in. wide at top.....	2.00
6 ft. fan trellis, 38 in. wide at top.....	2.50
7 ft. fan trellis, 42 in. wide at top.....	3.00
8 ft. fan trellis, 46 in. wide at top.....	3.50



Standard Flower Pots

Measurements from Inside to Inside. Width and Depth Equal.

	Each	Doz.	100
2 in.....	\$0.03	\$0.25	\$1.50
2 1/2 in.....	.03	.30	1.70
2 1/2 in.....	.04	.35	2.00
3 in.....	.04	.40	2.50
3 1/2 in.....	.05	.45	3.00
4 in.....	.06	.60	3.75
5 in.....	.10	1.00	6.75
5 1/2 in.....	.12	1.20	8.50
6 in.....	.15	1.35	10.00
7 in.....	.25	2.50	17.00
8 in.....	.35	3.50	25.00
9 in.....	.50	5.00	37.50
10 in.....	.65	7.00	50.00
12 in.....	1.15	13.00	100.00

Azalea Pots and Seed or Bulb Pans. Prices same as Standard Pots.



Bishop Rustic Bird-Houses and Feeders

"Tested and Approved by the Birds"

Of all the additions that may be made to the garden or grounds, there are none more pleasing, entertaining, and useful than birds. The creation of feeders and bird-houses is the most practical way of attracting them.

During the winter months the feeding of wild birds is especially desirable. Not only does one derive great enjoyment from attracting chickadees, woodpeckers, juncos, cardinals, and other birds about one's home, but the services that they render in protecting trees, shrubs, and gardens are invaluable.

Complete assortment at reasonable prices

Ask for circular.

Basketry Supplies

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

REED

	Oz.	½ Lb.	1 Lb.	Oz.	½ Lb.	1 Lb.	
No. 1 Reed...	\$0.12	\$0.85	\$1.50	No. 5 Reed...	\$0.10	\$0.50	\$0.85
No. 2 Reed...	.10	.70	1.25	No. 6 Reed...	.10	.50	.75
No. 3 Reed...	.10	.65	1.15	No. 7 Reed...	.10	.40	.65
No. 4 Reed...	.10	.60	1.00	No. 8 Reed...	.10	.40	.65
				Flat Reed...	.10	.50	.75

RAFFIA

Natural, $\frac{1}{4}$ lb. 15c., lb. 40c.; Colored, oz. 10c., lb. \$1.00

CHAIR CANE

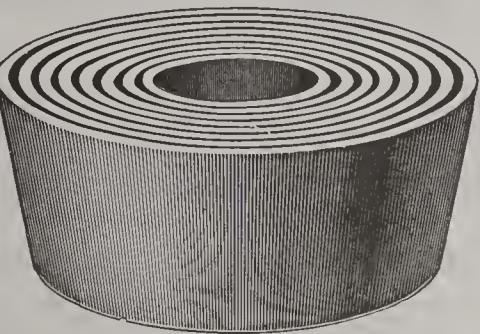
Extra No. 1 Grade

Fine—Fine Hank of 1000 ft.	.....	\$1.25
Fine—Hank of 1000 ft.	.....	1.45
Medium—Hank of 1000 ft.	.....	1.85
Binding—Hank of 500 ft.	.....	1.25
Binding (Single Strip).....		.10

Fern Pans

The pans are especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements. Each

Size 4	$\times 1\frac{7}{8}$ in...	\$0.09
Size 4½	$\times 2\frac{1}{4}$ in....	.12
Size 5½	$\times 2\frac{1}{4}$ in....	.15
Size 6½	$\times 2\frac{1}{4}$ in ...	.18
Size 7	$\times 2\frac{5}{8}$ in....	.20
Size 8	$\times 3\frac{1}{8}$ in....	.30
Size 9	$\times 3\frac{1}{4}$ in....	.35



Hanging Pots

Red Clay. 6 in. 35c., 7 in. 50c. Complete with brass chain.

Clay Flower Pot Saucers



In.	Each	Doz.	100
6	\$0.08	\$0.80	\$6.00
7	.10	1.10	8.00
8	.14	1.60	12.00
9	.20	2.25	16.00
10	.25	2.75	20.00
11	.28	3.00	22.00
12	.35	3.50	28.00
14	.45		

In.	Each	Doz.	100
4	\$0.05	\$0.45	\$3.00
5	.06	.60	4.00

Plant Tubs

An attractive tub made of white pine, painted outside and inside with two coats of linseed oil paint. Heavy wire electrically welded hoops.

Made of White Pine, painted, light and attractive.



	Diam.	Height	Each
No. 2.	7 in.	7 in	\$0.65
No. 3.	8 in.	8 in	.75
No. 4.	9 in.	9 in.	.85
No. 5.	10 in.	9 in.	1.00
No. 6.	11 in.	10 in.	1.25
No. 7.	12 in.	11 in.	1.50
No. 8.	13 in.	12 in.	1.75
No. 9.	14 in.	13 in.	2.00
No. 10.	15 in.	14 in.	2.25
No. 11.	16 in.	15 in.	2.35



Neponset Paper Flower Pots

Made from tough fibre paper; lasting and thoroughly waterproof.	Doz.	100
2½ in.		\$0.12
2½ in.		\$0.65
3 in. ....		.15
3½ in.		1.00
4 in. ....		.25
5 in.		1.50
6 in. ....		.35
		1.75
		2.25

Recleaned Bird Seed and Pet Supplies

If wanted Parcel Post, add postage.

CANARY (Plain). Recleaned, extra quality. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

CANARY (Mixed). A mixture of finest quality in proper proportions. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

CUTTLE FISH BONE. For digestion. 5c. and 10c. each.

HEMP SEED. Very rich and should be fed with care. Lb. 15c., 5 lbs. 70c., 10 lbs. \$1.25.

LETTUCE SEED. Relished by canaries. Add small quantity to other seeds. Oz. 5c., $\frac{1}{4}$ lb. 15c.

MAW SEED. To improve song of canaries. Pkt. 10c., lb. 50c.

MILLET SEED. Recleaned. White. Lb. 20c., 10 lbs. \$1.50.

RAPE SEED. Many canaries prefer this to the canary seed. Lb. 15c., 5 lbs. 75c., 10 lbs. \$1.50.

SILVER SAND. For bird cages; extra clean Pkg. 15c.

SILVER SAND (Bulk). 15 lbs. 50c., 25 lbs. 75c., 100 lbs. \$2.50.

GRAVEL PAPER. Various sizes. Packages, 12 sheets, 25c.

SUNFLOWER SEED. Used largely for parrot feed. We handle only the best obtainable. Lb. 15c., 3 lbs. 40c., 10 lbs. \$1.30.

UNHULLED RICE. Lb. 20c., 5 lbs. 75c., 10 lbs. \$1.40.

BIRD BATHS, 10c. DRINKING CUPS, 10c. and 20c.

SPRATT'S COD LIVER OIL, CAGE BIRD AND NESTLING FOOD, 15c.

CANARY SEED, with egg and fruit, 25c.

SING SONG, 15c.; SONG RESTORER, 25c.

BURNETT'S UNEXCELLED BIRD FOODS: Song Restorer, 25c.; Bird Tonic, 25c.; Bird Wash, 25c.

Aquariums and Fish Supplies

Frame Aquariums. Slate bottom. \$2.25, \$4.00, \$6.00, \$8.00, \$10.00.

Ornaments. 15c. to 75c. Beach Gravel. Qt. 15c., $\frac{1}{2}$ pk. 50c.

Dip Nets. 25c., 35c., 50c., 75c.

Dip Tubes. 25c.

Pearl Chips and Small Sea Shells. Each, box 10c.

Aquarium Plants. Bunch 10c.

Plant Foods



THE ORIGINAL PLANT FOOD TABLET

Makes plants grow faster and bloom better. On market 22 years. Wonderful results. Odorless, clean and economical. Prices: 10 tablets, 10c; 30 tablets, 25c; 100 tabs., 75c; 500 tabs., \$2.50; 1000 tabs., \$3.50.

Gro-Fast

A scientifically prepared formula, rich in organic nitrogen and other plant food. Recommended for potted plants, lawn and garden. 1 lb. 25c.

Grow Earlier, Stronger Plants



with

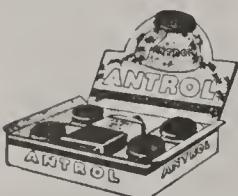
HOTKAPS

Protect your young plants with HOTKAPS. They keep out weather and insects. Promote sturdier growth and bring vegetables and flowers to maturity weeks earlier. Millions used every year.

Package of 25 with cardboard setter, 50c.

INSECTICIDES

INSECTICIDES



ANTROL. Adapted to any size house or garden and quickly destroys all species of sweet eating insects. It is composed of glass containers and special formula syrup. Set contains one 4 oz. bottle of syrup and four containers. 75c.

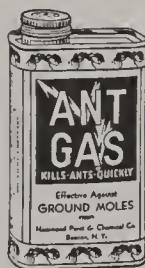
Antrol Syrup. 4 oz. bottle. 35c.
Antrol Syrup. 1 pt. bottle. 85c.

ANTROL, Ready-filled. Consists of 4 special glass "feeders" filled with regular Antrol Syrup. You simply remove inside liner from the cap, replace cap, and place feeders round infested area, or in the house. Ideal for use in apartments, homes, camps, yards, etc. 40c. per set.

ANTROL ANT AND ROACH POWDER. An improved, fast killing powder for the extermination of ants and roaches. 1 1/4 oz. can 15c.
3-oz. can 35c.

ANT GAS. Simply apply Ant Gas to the ant hill and all of the ants die immediately. No fuss or bother—no waiting and no dangerous poisonous and unsightly traps needed. Ant Gas, with its 100% active ingredients, is a liquid combination which forms a gas heavier than air. 1/2 pt. 50c.

ARSENATE OF LEAD (Dry). Lb. 35c., 4 lb. bags \$1.00.



BORDEAUX MIXTURE (Dry Powder). For all fungoid diseases, such as mildew and various rots of Grapes, etc. Lb. 35c., 4-lb. bag 80c.

BORDEAUX MIXTURE WITH ARSENATE OF LEAD (Dry). An excellent combined insecticide and fungicide. Lb. 30c., 4-lb. bags \$1.00.

"BLACK LEAF 40" (Nicotine Sulphate). For destroying aphids, thrips, etc., without injuring the foliage. Oz. bottle 35c., 5 oz. \$1.00, 1 lb. \$2.25, 2 lbs. \$3.25.

CYANOGAS. Enlarge entrances of nest and inject a small amount of Cyanogas Ant Killer. Close hole with dirt. The deadly gas liberated destroys the colony and kills the Queen deep in the nest. The 4-oz. can contains enough to kill a million ants. 30c., 1/2 lb. 40c., 1 lb. 75c.



DOG SKAT. Keeps dogs, cats and animals away from trees, evergreens, Roses, shrubbery, etc. Tube releases vapor offensive to animals, but not noticeable to humans. Tubes 15c.-30c.

FISH OIL SOAP. Commonly known as Whale Oil Soap. Makes an excellent wash for trees and plants; kills insects and eggs on the bark. 1/2 pt. 35c., pt. 65c., qt. \$1.00.

FORMACIDE, FORMALDEHYDE DUST (Stabilized). Seed and soil disinfectant used as a control of damping-off. 1/2 lb. can 45c., 1 lb. 75c., 5 lbs. \$2.00.

GRAFTING WAX. 1/4 lb. 20c., 1/2 lb. 30c., 1 lb. 50c.

JAPELLENT. A non-poisonous, arsenic-free-spray for the effective control of the Japanese beetle and other leaf-eating insects. 3-oz. can 50c., 12 oz. \$1.50.

LIME-SULPHUR DRY POWDER. This preparation is scientifically prepared and is widely recommended and known as one of the best preparations for San José scale, oyster shell scale, etc. Use 15 lbs. to 50 gals. water. Lb. 40c., 5 lbs. \$1.50.

NO-CROW. Corn and other seeds treated with No-Crow will be perfectly safe. Crows, pigeons, moles, pheasants, black birds, larks, gophers, woodchucks, squirrels, etc., hate No-Crow and will not touch treated seeds. 1/2 pt. 60c.

PARIS GREEN. Superior quality. 1/4 lb. 20c., 1 lb. 55c.



A contact insecticide that may be used upon tender foliage without burning and delicate flowers without staining. Economical to use. Oz. 35c., 1/2 pt. \$1.00, pt. \$2.85.

ROOTONE. The plant hormone powder. For cuttings, seeds and bulbs. Small package 25c., 2-oz. jar \$1.00.

SCALECIDE. The best spray for San José scale. A mechanical preparation of petroleum oil that instantly mixes with cold water. Qt. 65c., gal. \$1.55.



MAGIKIL JELLY ANT BAIT. Clean. Easy. Quick. Sure. Vastly superior to syrups and powders. Simply place small doses in infested areas or use the safety traps. Does not melt at ordinary temperatures. Endorsed by many State Experiment Stations.

Safety Traps.....3 for 25c.
Garden Tube.....1 oz. 35c.
Estate Tube.....3 oz. 85c.

SEMESAN. For treating seeds; hastens germination, stimulates growth, controls disease. 1/2 oz. 10c., 2 ozs. 35c., 1 lb. \$2.25.

SLUG SHOT. Destroys all insects injurious to house and garden plants, vegetables and fruits of all kinds. Equals Paris green when used liberally, without the danger from poison. Lb. 25c., 5-lb. pkg. \$1.00.

SLUG SHOT (Liquid). Kills both types of insects and helps to prevent fungous growths such as mildew and black spot. It does not injure the most delicate plant and does not injure the soil in any way. Being non-poisonous, it is safe to have in the home and can be used on edible vegetable plants and fruits with perfect safety. Oz. 35c., 6 ozs. \$1.00, 16 ozs. \$2.25.

SULPHUR, MAGNETIC SPRAY (Wettable Sulphur). Contains not less than 98.5% of the finest Ventilated Sulphur. It wets quickly and easily even in hard water. Also used as a dust. Recommended to control leaf spot, powdery mildew, rust and red spider. Lb. 15c., 4 lbs. 50c.

SNAROL. For the control of cut worms, snails, slugs, etc.; non-injurious to vegetation and very economical to use on account of its insolubility in water. 1/2 lbs. 35c., 4 lbs. 85c.

TOBACCO DUST. If dusted on while the foliage is moist it destroys Rose lice, Cabbage and Turnip fleas, etc. Spread upon the ground it keeps off earth insects and acts as a fertilizer. 1 lb. carton 15c., 5 lbs. 50c. 10 lbs. 75c., 25 lbs. \$1.50.

TREE TANGLEFOOT. A sticky material for banding trees, etc. prevents all destructive climbing insects from reaching buds and foliage. 6-oz. can 35c., 1 lb. can 65c., 5-lb. can \$3.00.



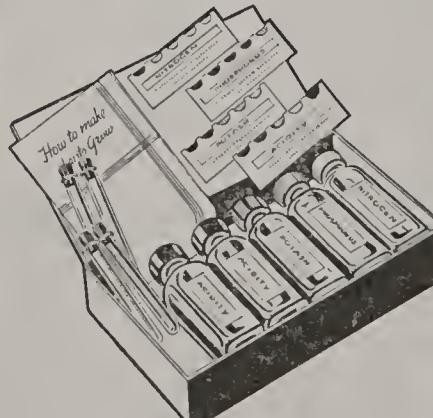
TRI-OGEN

The all-purpose spray

This complete Rose Garden Spray Treatment—**Tri-ogen**—offers the first definite mildew and black spot con-

trol combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Small kit makes 16 qts., \$1.50; medium kit makes 64 qts., \$4.00.

FUNGTROGEN. A preventive and remedy for mildew, black spot and many fungous diseases of Roses and other plants. 1/2 pt. 75c., pt. \$1.25.



SUDBURY HOME GARDENER'S SOIL TEST KIT (Model D)

A 20-test kit—a whole season's soil testing—for far less money than a kit of such capacity has ever sold for before. Tests for nitrogen, phosphorus, potash and acidity—giving all essential information for a successful lawn or garden. Complete with instructions and data on plant needs. Inexpensive refills available. \$2.00.

VITAMIN B1. Larger, healthier plants, beautiful blossoms. Because of its highly concentrated form, Vitamin B, for garden use need only be purchased in very small quantity. 1/10 of a gram (100 milligrams) is enough to make 2,000 gallons of minimum solution for only \$1.00. Trial size 35c.

FERTILIZERS

PRICES SUBJECT TO CHANGE WITHOUT NOTICE



Why I Recommend Vigoro



I always recommend Vigoro as the plant food to use in feeding all growing things. I know that it will give marvelous results every time. It's a complete plant food . . . every one of the 11 different plant food elements plants must get from the soil are right here in Vigoro.

Take my advice and try Vigoro this year. Clean and odorless, it's mighty nice to work with. And it's economical, too. Use it for lawns, flowers, shrubs, trees, and vegetables.

—THE MASTER GARDENER

100-lb. bag..	\$4.25
50-lb. bag..	2.75
25-lb. bag..	1.50
10-lb. pkg..	.85
5-lb. pkg..	.45
1-lb. pkg..	.10



Lōma
For Everything
Green That Grows



You, too, will be thrilled when you see how your lawn, flowers, vegetables, shrubs, and trees respond when fed LOMA.

100-lb. bag..	\$4.00
50-lb. bag..	2.50
25-lb. bag..	1.50
10-lb. bag..	.85
5-lb. can..	.45
1-lb. can..	.10

Arnold Garden Hose Sprayer

"MAKES YOUR SPRAY TIME PLAY TIME"

Simply attach to the garden hose in place of regular nozzle, insert cartridge and you are ready to spray. Sprayer complete with six cartridges. \$4.50. Additional cartridges, 25c. and 30c. each.

"ENGLISH FORMULA" Lawn and Garden Dressing

First—For nitrogen, cottonseed meal is used—the richest longest lived organic element of its kind.

Second—Fine ground bone provides a lasting phosphorus base.

Third—Hardwood ashes provide not only the finest possible form of potash, but permits the formula to become more quickly adaptable to any soil to which it is applied.

Fourth—Remember, too, that this is an organic plant food because of the above mentioned ingredients. That is why one application is sufficient throughout the growing season. 5 lbs. 65c., 25 lbs. \$1.75, 50 lbs. \$2.95, 100 lbs. \$5.50.



BOVUNG. Plain, dried cow manure combining the chemical values of fertilizer with the organic and physical values of manure. It contains all essentials necessary for soil improvement and vigorous plant growth. 2 lbs. 20c., 4 lbs. 25c., 8 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

SHEEP MANURE. A standard dressing for lawns and gardens. 50 lbs. \$1.85, 100 lbs. \$3.00.

PURE GROUND BONEMEAL. This finely pulverized ground bone is excellent for Rose culture, top dressing for lawns and for potted plants. 5-lb. pkg. 35c., 10 lbs. 60c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.25.

GARDEN FERTILIZER (4-8-4). A balanced fertilizer that will give excellent results throughout the season. 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00.

SULPHATE OF AMMONIA. A readily soluble nitrogenous fertilizer. It feeds the grass and starves the weeds. 2 lbs. 25c., 5 lbs. 40c., 10 lbs. 75c., 25 lbs. \$1.25, 50 lbs. \$2.00, 100 lbs. \$3.50.

UNLEACHED HARDWOOD ASHES. As a fertilizer for lawns, gardens and fruits, Hardwood Ashes are unequalled; they are not a mere stimulant, but supply natural plant food, permanently enriching the soil. 100 lbs. \$2.25.

LIME, AGRICULTURAL. To rectify some soil. Pkg. 25c., 50 lbs. 90c., 100 lbs. \$1.25.

NITRATE OF SODA. This is valuable solely for the nitrogen it contains, equal to 18½ per cent of ammonia. Being extremely soluble, it should not be applied until the plants are above ground, when 100 to 150 lbs. per acre. Lb. 15c., 5 lbs. 40c., 10 lbs. 75c., 100 lbs. \$3.50.

ADCO. The addition of Adco to vegetable refuse, grass clippings, leaves, etc. will produce a clean, odorless manure in 3 to 4 months. Circular upon request. 7½ lb. pkg. \$1.00, 25 lbs. \$2.00, 100 lbs. \$7.75.

PEAT MOSS. Provides in an economical, clean, weed-free, easily handled and efficient form the humus which every garden must have, and which it is seldom possible to get in the old form of stable manure. In the garden peat is most useful for mulching purposes, or for conditioning soil in which plants having special requirements are to be grown. As a mulch it is ideal. Bale \$4.50, carton \$1.00, pkgs. 50c. and 15c.



HARDY PERENNIAL PLANTS

ARABIS alpina. Early Spring-flowering, pure white, for edging or rockeries. Each 15c., doz. \$1.50.

ALYSSUM saxatile compactum. Bright yellow flowers early in Spring. Each 15c., doz. \$1.50.

AQUILEGIA (Columbine). Strong plants grown from the finest strain of Scott Elliott Long-spurred seed. Each 20c., doz. \$2.00.



Aquilegia



Foxglove (Digitalis)



Gaillardia grandiflora

CAMPANULA (Canterbury-bells, Cup-and-saucer). Pink, white, blue and mixed. Each 15c., doz. \$1.50.

CANDYTUFT, Hardy White (*Iberis sempervirens*). Attractive foliage covered with clusters of white blooms. Each 20c., doz. \$2.00.

CARNATIONS, Hardy Border. Double flowering, dwarf and compact. Each 15c., doz. \$1.50.

CERASTIUM (Snow-in-summer). Dwarf white leaves; a fine rockery plant. Each 20c., doz. \$2.00.

CHRYSANTHEMUMS, HARDY. Red, bronze, pink, white, yellow. Each 25c., doz. \$2.50.

COREOPSIS lanceolata. Bright yellow, Daisylike flowers; fine for cutting. Each 15c., doz. \$1.50.

DAISY, SHASTA. Large white flowers with yellow center. Each 15c., doz. \$1.50.

DELPHINIUM (Hardy Larkspur). **Hollyhock Strain** (Wrexham Type). The graceful, spire-shaped spikes of enormous size and beauty of form is rapidly bringing this strain to the front as the greatest advance in Delphiniums. Mixture, double and single. Each 25c., doz. \$2.50.

DIANTHUS plumarius semperflorens (Everblooming Hardy Garden Pinks). Sweet-scented double and semi-double flowers. Very beautiful. Each 15c., doz. \$1.50.

DIGITALIS (Foxglove). Broad foliage with tall spikes of showy flowers. Each 15c., doz. \$1.50.

GAILLARDIA grandiflora (Blanketflower). Colors range from red to yellow, with maroon center. Each 15c., doz. \$1.50.

GYPSOPHILA paniculata (Babysbreath). Small white flowers. Each 15c., doz. \$1.50.

HIBISCUS grandiflora. Large, showy white, pink, crimson flowers. Each 25c., doz. \$2.50.

HOLLYHOCK. Old-fashioned hardy perennial. Separate colors, including scarlet, pink, rose, yellow and white. Strong field grown roots. Each 25c., doz. \$2.50.

PEONIES. Good rich soil, sunny position with plenty of water during their growth is required. When planting, place roots so that crowns are barely covered. Each 50c., doz. \$5.00.

PHLOX. Hardy Perennial. Plants grow 2 to 4 ft. high and bloom through a long period. Colors include red, pink, salmon, lavender, white. Selected from best named varieties. Each 25c., doz. \$2.50.

PHLOX, Columbia (New). A beautiful rich cameo pink with a faint blue eye. Plants branch well and are just laden with flowers. 50c. each.

PHYSALIS (Chinese Lantern). Bright red lanternlike pods, can be dried for Winter. Each 20c., doz. \$2.00.

POPPY, ORIENTAL. Large brilliant scarlet. Each 15c., doz. \$1.50.

PYRETHRUM hybridum grandiflorum. Flowers large, Aster-shaped, colors pink to deep red with bright yellow centers. Blooms in May and June; very graceful long lasting cut flowers. Each 15c., doz. \$1.50.

SWEET-WILLIAM. Mixed colors. Each 15c., doz. \$1.50.

SCABIOSA caucasia. One of the best hardy perennials; color soft lavender-blue; desirable for cutting, lasting a long time in water. Each 15c., doz. \$1.50.



Campanula



Coreopsis



Hollyhock, Double

HARDY VINES

BOSTON IVY. Foliage handsome in Summer, changing to crimson-scarlet in Autumn. Clings to walls and fences; fine for rock and stone. Strong plants. Each 50c.

CLEMATIS paniculata. Sweet Autumn Clematis. White flowers. Each 40c.

HONEYSUCKLE, Hall's Japanese. Pure white flowers, changing to yellow, sweet-scented. Almost evergreen and makes a good ground cover. Each 35c.

HONEYSUCKLE, Semperflorens (Scarlet Trumpet). A beautiful everblooming Honeysuckle with long, tubular flowers of an intense orange-scarlet color. Blooms from June to October. Each 50c.



Clematis

WILLIS S. PINO, Seedsman

**[ORDER]
[SHEET]**

Date	Forward by (State whether wanted by) Mail, Express or Freight)	AMOUNT ENCLOSED	Please Do Not Write Here
Name		P. O. Order	
Street, P. O. Box or Rural Delivery		Express Order	
Post Office		Check	
Express Office (If different from P. O.)		Cash	
County	State	Stamps	

I give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants I send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.



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Practical garden books especially written for amateurs. Informative, accurate. Clear type. Many pictures and diagrams. Attractive jackets. Serviceable bindings.

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Each subject written by a different authority. Information on every phase of gardening pertaining to the average-sized home. Plans, lawns, hedges, annuals, perennials, roses, garden favorites, bulbs, garden ferns and water plants, rock gardens, garden furniture, fertilizers, soils, propagation, hillsides and terraces, etc. New edition. 576 pages, 300 illustrations. Cloth, \$2.00.

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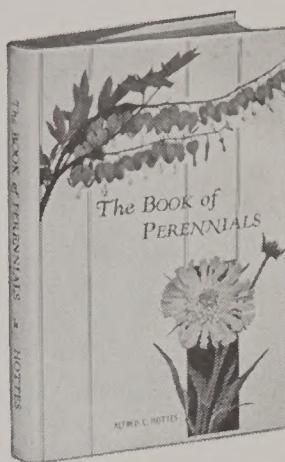
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